

The House Committee on Regulated Industries offers the following substitute to HB 166:

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 professional engineers and land surveyors, so as to change the requirements for eligibility for
3 certification as an engineer-in-training and eligibility for a certificate of registration as a
4 professional engineer; to change requirements for eligibility for certification as a land
5 surveyor-in-training and for a certificate of registration as a land surveyor; to repeal
6 conflicting laws; and for 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 professional
10 engineers and land surveyors, is amended by revising Code Section 43-15-8, relating to
11 engineer-in-training certificate, as follows:

12 "43-15-8.

13 (a) To be eligible for certification as an engineer-in-training, an applicant applying prior
14 to July 1, 2012, 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

26 (B) Pass a written examination in fundamental engineering subjects
27 (engineer-in-training examination).

28 (b) To be eligible for certification as an engineer-in-training, an applicant applying on or
29 after July 1, 2012, must meet the following minimum requirements:

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

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

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

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

39 **SECTION 2.**

40 Said chapter is further amended by revising Code Section 43-15-9, relating to professional
41 engineer certificate of registration, as follows:

42 "43-15-9.

43 (a) To be eligible for a certificate of registration as a professional engineer, an applicant
44 applying prior to July 1, 2014, must meet the following minimum requirements:

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

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

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

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

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

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

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

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

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

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

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

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

74 (b) To be eligible for a certificate of registration as a professional engineer, an applicant
 75 applying on or after July 1, 2014, must meet the following minimum requirements:

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

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

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

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

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

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

90 **SECTION 3.**

91 Said chapter is further amended by revising Code Section 43-15-12, relating to land
 92 surveyor-in-training certificate, as follows:

93 "43-15-12.

94 (a) To be eligible for certification as a land surveyor-in-training, an applicant applying
 95 prior to July 1, 2015, must meet the following minimum requirements:

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

- 97 (B) Earn an associate degree, or its equivalent, in a curriculum approved by the board
 98 and acquire not less than two years of combined office and field experience in land
 99 surveying of a nature satisfactory to the board; or
- 100 (C) Earn a high school diploma, or its equivalent, and acquire not less than four years'
 101 experience in land surveying of a nature satisfactory to the board;
- 102 (2) Acquire a minimum of ~~15 quarter~~ 12 semester hours' credit, or its equivalent, in land
 103 surveying subjects in a course of study approved by the board; provided, however, that
 104 ~~on and after January 1, 1995, the minimum requirement shall be 20 quarter hours' credit,~~
 105 ~~five of which shall be~~ three hours are in hydrology; and
- 106 (3) Subsequently pass the ~~board approved examination in the fundamentals of land~~
 107 ~~surveying (land surveyor-in-training examination)~~ Fundamentals of Land Surveying
 108 (FLS) examination, prepared and graded by the National Council of Examiners for
 109 Engineering and Surveying (NCEES), or any other examination as may be approved and
 110 required by the board.
- 111 (b) To be eligible for certification as a land surveyor-in-training, an applicant applying on
 112 or after July 1, 2015, must meet the following minimum requirements:
- 113 (1)(A) Earn from a college or school approved by the board a bachelor's degree in a
 114 curriculum approved by the board consisting of a minimum of 24 semester hours, or the
 115 equivalent, in land surveying subjects, of which three semester hours, or the equivalent,
 116 shall be in hydrology; or
- 117 (B) Earn from a college or school approved by the board a bachelor's degree and
 118 separately acquire a minimum of 24 semester hours, or the equivalent, in land surveying
 119 subjects, of which three semester hours, or the equivalent, shall be in hydrology, in a
 120 course of study approved by the board; and
- 121 (2) Subsequently pass the Fundamentals of Land Surveying (FLS) examination, prepared
 122 and graded by the National Council of Examiners for Engineering and Surveying
 123 (NCEES), or any other examination as may be approved and required by the board."

124 **SECTION 4.**

125 Said chapter is further amended by revising Code Section 43-15-13, relating to land surveyor
 126 certificate of registration, as follows:

127 "43-15-13.

128 (a) To be eligible for a certificate of registration as a land surveyor, an applicant must meet
 129 the following minimum requirements:

130 (1)(A) Obtain certification as a land surveyor-in-training under subparagraph of
 131 paragraph (1) and paragraph(3) of Code Section 43-15-12;

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

137 (C) Subsequently pass a written examination on the principles and practices of land
 138 surveying and the laws of this state relating to land surveying (land surveyor
 139 examination);

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

142 ~~(B) Acquire an additional specific record of the equivalent of not less than four years~~
 143 ~~of combined office and field experience in land surveying which, together with the~~
 144 ~~qualifying experience under subparagraph (B) of paragraph (1) of Code Section~~
 145 ~~43-15-12, includes not less than four years' experience in responsible charge of land~~
 146 ~~surveying projects under the supervision of a registered land surveyor or such other~~
 147 ~~supervision deemed by the board to be the equivalent thereof; and~~

148 ~~(C) Subsequently pass a written examination on the principles and practices of land~~
 149 ~~surveying and the laws of Georgia relating to land surveying (land surveyor~~
 150 ~~examination); or~~

151 ~~(3)(A) Obtain certification as a land surveyor-in-training under subparagraph (C) of~~
 152 ~~paragraph (1) and paragraph (3) of Code Section 43-15-12;~~

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

160 ~~(C) Subsequently pass a written examination on the principles and practices of land~~
 161 ~~surveying and laws of this state relating to land surveying (land surveyor examination)."~~

162 **SECTION 5.**

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