

1 A bill to be entitled
 2 An act relating to engineering; amending s. 471.007, F.S.;
 3 increasing membership of the Board of Professional
 4 Engineers; providing qualifications for the additional
 5 members; amending s. 471.013, F.S.; providing an exemption
 6 from examination for certain persons; reducing the number
 7 of times an applicant may fail either the fundamentals
 8 examination or the principles and practice examination;
 9 expanding the authority of the board to require additional
 10 education as a condition of future eligibility to take the
 11 examinations; amending s. 471.031, F.S.; authorizing
 12 certain persons who are exempt from licensure as an
 13 engineer to use the title or personnel classification of
 14 "engineer" under certain circumstances; providing an
 15 effective date.

16
 17 Be It Enacted by the Legislature of the State of Florida:

18
 19 Section 1. Section 471.007, Florida Statutes, is amended
 20 to read:

21 471.007 Board of Professional Engineers.--There is created
 22 in the department the Board of Professional Engineers. The board
 23 shall consist of 11 ~~nine~~ members, nine ~~seven~~ of whom shall be
 24 licensed engineers and two of whom shall be laypersons who are
 25 not and have never been engineers or members of any closely
 26 related profession or occupation. Of the members who are
 27 licensed engineers, three shall be civil engineers, one shall be
 28 a structural engineer, one shall be either an electrical or

29 | electronic engineer, one shall be a mechanical engineer, one
30 | shall be an industrial engineer, one shall be an engineering
31 | educator, and one shall be from any discipline of engineering
32 | other than civil engineering. Members shall be appointed by the
33 | Governor for terms of 4 years each.

34 | Section 2. Subsection (1) of section 471.013, Florida
35 | Statutes, is amended to read:

36 | 471.013 Examinations; prerequisites.--

37 | (1)(a) A person shall be entitled to take an examination
38 | for the purpose of determining whether she or he is qualified to
39 | practice in this state as an engineer if the person is of good
40 | moral character and:

41 | 1. Is a graduate from an approved engineering curriculum
42 | of 4 years or more in a school, college, or university which has
43 | been approved by the board and has a record of 4 years of active
44 | engineering experience of a character indicating competence to
45 | be in responsible charge of engineering;

46 | 2. Is a graduate of an approved engineering technology
47 | curriculum of 4 years or more in a school, college, or
48 | university within the State University System, having been
49 | enrolled or having graduated prior to July 1, 1979, and has a
50 | record of 4 years of active engineering experience of a
51 | character indicating competence to be in responsible charge of
52 | engineering; or

53 | 3. Has, in lieu of such education and experience
54 | requirements, 10 years or more of active engineering work of a
55 | character indicating that the applicant is competent to be
56 | placed in responsible charge of engineering. However, this

57 | subparagraph does not apply unless such person notifies the
58 | department before July 1, 1984, that she or he was engaged in
59 | such work on July 1, 1981.

60 |
61 | The board shall adopt rules providing for the review and
62 | approval of schools or colleges and the courses of study in
63 | engineering in such schools and colleges. The rules shall be
64 | based on the educational requirements for engineering as defined
65 | in s. 471.005. The board may adopt rules providing for the
66 | acceptance of the approval and accreditation of schools and
67 | courses of study by a nationally accepted accreditation
68 | organization.

69 | (b) A person shall be entitled to take the fundamentals
70 | examination for the purpose of determining whether she or he is
71 | qualified to practice in this state as an engineer intern if she
72 | or he is in the final year of, or is a graduate of, an approved
73 | engineering curriculum in a school, college, or university
74 | approved by the board.

75 | (c) A person shall not be entitled to take the principles
76 | and practice examination until that person has successfully
77 | completed the fundamentals examination.

78 | (d) The board shall deem that an applicant who seeks
79 | licensure by examination has passed the fundamentals examination
80 | when such applicant has received a doctorate degree in
81 | engineering from an institution that has an undergraduate
82 | engineering program that is accredited by the Engineering
83 | Accreditation Commission of the Accreditation Board for
84 | Engineering and Technology, Inc., and has taught engineering

85 full time for at least 3 years, at the baccalaureate level or
 86 higher, after receiving that degree.

87 (e)~~(d)~~ Every applicant who is qualified to take the
 88 fundamentals examination or the principles and practice
 89 examination shall be allowed to take either examination three
 90 ~~five~~ times, notwithstanding the number of times either
 91 examination has been previously failed. If an applicant fails
 92 either examination three ~~five~~ times, the board shall require the
 93 applicant to complete additional college-level education courses
 94 ~~in the areas of deficiency, as determined by the board,~~ as a
 95 condition of future eligibility to take that examination.

96 Section 3. Paragraph (b) of subsection (1) of section
 97 471.031, Florida Statutes, as amended by section 3 of chapter
 98 2003-425, Laws of Florida, is amended to read:

99 471.031 Prohibitions; penalties.--

100 (1) A person may not:

101 (b)1. Except as provided in subparagraph 2. or
 102 subparagraph 3., use the name or title "professional engineer"
 103 or any other title, designation, words, letters, abbreviations,
 104 or device tending to indicate that such person holds an active
 105 license as an engineer when the person is not licensed under
 106 this chapter, including, but not limited to, the following
 107 titles: "agricultural engineer," "air-conditioning engineer,"
 108 "architectural engineer," "building engineer," "chemical
 109 engineer," "civil engineer," "control systems engineer,"
 110 "electrical engineer," "environmental engineer," "fire
 111 protection engineer," "industrial engineer," "manufacturing
 112 engineer," "mechanical engineer," "metallurgical engineer,"

113 "mining engineer," "minerals engineer," "marine engineer,"
 114 "nuclear engineer," "petroleum engineer," "plumbing engineer,"
 115 "structural engineer," "transportation engineer," "software
 116 engineer," "computer hardware engineer," or "systems engineer."

117 2. Any person who is exempt from licensure under s.
 118 471.003(2)(j) may use the title or personnel classification of
 119 "engineer" in the scope of his or her work under that exemption
 120 if the title does not include or connote the term "professional
 121 engineer," "registered engineer," "licensed engineer,"
 122 "registered professional engineer," or "licensed professional
 123 engineer."

124 3. Any person who is exempt from licensure under s.
 125 471.003(2)(c) or (e) may use the title or personnel
 126 classification of "engineer" in the scope of his or her work
 127 under that exemption if the title does not include or connote
 128 the term "professional engineer," "registered engineer,"
 129 "licensed engineer," "registered professional engineer," or
 130 "licensed professional engineer" and if that person is a
 131 graduate from an approved engineering curriculum of 4 years or
 132 more in a school, college, or university which has been approved
 133 by the board.

134 Section 4. Paragraphs (c) and (e) of subsection (2) of
 135 section 471.003, Florida Statutes, read:

136 471.003 Qualifications for practice; exemptions.--

137 (2) The following persons are not required to be licensed
 138 under the provisions of this chapter as a licensed engineer:

139 (c) Regular full-time employees of a corporation not
 140 engaged in the practice of engineering as such, whose practice

141 | of engineering for such corporation is limited to the design or
142 | fabrication of manufactured products and servicing of such
143 | products.

144 | (e) Employees of a firm, corporation, or partnership who
145 | are the subordinates of a person in responsible charge, licensed
146 | under this chapter.

147 | Section 5. This act shall take effect upon becoming a law.