

CHAMBER ACTION

1 The Committee on Business Regulation recommends the following:

2  
3 **Committee Substitute**

4 Remove the entire bill and insert:

5 A bill to be entitled

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

20  
21 Be It Enacted by the Legislature of the State of Florida:

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23 Section 1. Section 471.007, Florida Statutes, is amended  
24 to read:

25 471.007 Board of Professional Engineers.--There is created  
26 in the department the Board of Professional Engineers. The board  
27 shall consist of 11 ~~nine~~ members, nine ~~seven~~ of whom shall be  
28 licensed engineers and two of whom shall be laypersons who are  
29 not and have never been engineers or members of any closely  
30 related profession or occupation. Of the members who are  
31 licensed engineers, three shall be civil engineers, one shall be  
32 a structural engineer, one shall be either an electrical or  
33 electronic engineer, one shall be a mechanical engineer, one  
34 shall be an industrial engineer, one shall be an engineering  
35 educator, and one shall be from any discipline of engineering  
36 other than civil engineering. Members shall be appointed by the  
37 Governor for terms of 4 years each.

38 Section 2. Subsection (1) of section 471.013, Florida  
39 Statutes, is amended to read:

40 471.013 Examinations; prerequisites.--

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

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

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

57           3. Has, in lieu of such education and experience  
58 requirements, 10 years or more of active engineering work of a  
59 character indicating that the applicant is competent to be  
60 placed in responsible charge of engineering. However, this  
61 subparagraph does not apply unless such person notifies the  
62 department before July 1, 1984, that she or he was engaged in  
63 such work on July 1, 1981.

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

73           (b) A person shall be entitled to take the fundamentals  
74 examination for the purpose of determining whether she or he is  
75 qualified to practice in this state as an engineer intern if she  
76 or he is in the final year of, or is a graduate of, an approved

77 engineering curriculum in a school, college, or university  
78 approved by the board.

79 (c) A person shall not be entitled to take the principles  
80 and practice examination until that person has successfully  
81 completed the fundamentals examination.

82 (d) The board shall deem that an applicant who seeks  
83 licensure by examination has passed the fundamentals examination  
84 when such applicant has received a doctorate degree in  
85 engineering from an institution that has an undergraduate  
86 engineering program that is accredited by the Engineering  
87 Accreditation Commission of the Accreditation Board for  
88 Engineering and Technology, Inc., and has taught engineering  
89 full time for at least 3 years, at the baccalaureate level or  
90 higher, after receiving that degree.

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

100 Section 3. Paragraph (b) of subsection (1) of section  
101 471.031, Florida Statutes, as amended by section 3 of chapter  
102 2003-425, Laws of Florida, is amended to read:

103 471.031 Prohibitions; penalties.--

104 (1) A person may not:

105 (b)1. Except as provided in subparagraph 2. or  
 106 subparagraph 3., use the name or title "professional engineer"  
 107 or any other title, designation, words, letters, abbreviations,  
 108 or device tending to indicate that such person holds an active  
 109 license as an engineer when the person is not licensed under  
 110 this chapter, including, but not limited to, the following  
 111 titles: "agricultural engineer," "air-conditioning engineer,"  
 112 "architectural engineer," "building engineer," "chemical  
 113 engineer," "civil engineer," "control systems engineer,"  
 114 "electrical engineer," "environmental engineer," "fire  
 115 protection engineer," "industrial engineer," "manufacturing  
 116 engineer," "mechanical engineer," "metallurgical engineer,"  
 117 "mining engineer," "minerals engineer," "marine engineer,"  
 118 "nuclear engineer," "petroleum engineer," "plumbing engineer,"  
 119 "structural engineer," "transportation engineer," "software  
 120 engineer," "computer hardware engineer," or "systems engineer."

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

128 3. Any person who is exempt from licensure under s.  
 129 471.003(2)(c) or (e) may use the title or personnel  
 130 classification of "engineer" in the scope of his or her work  
 131 under that exemption if the title does not include or connote  
 132 the term "professional engineer," "registered engineer,"

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133 "licensed engineer," "registered professional engineer," or  
 134 "licensed professional engineer" and if that person is a  
 135 graduate from an approved engineering curriculum of 4 years or  
 136 more in a school, college, or university which has been approved  
 137 by the board.

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

140 471.003 Qualifications for practice; exemptions.--

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

143 (c) Regular full-time employees of a corporation not  
 144 engaged in the practice of engineering as such, whose practice  
 145 of engineering for such corporation is limited to the design or  
 146 fabrication of manufactured products and servicing of such  
 147 products.

148 (e) Employees of a firm, corporation, or partnership who  
 149 are the subordinates of a person in responsible charge, licensed  
 150 under this chapter.

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