

Notice of Change/Withdrawal

DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION

Board of Professional Engineers

RULE NO.: RULE TITLE:

61G15-20.008 Educational Requirements for Applicants without ETAC/ABET Accredited Engineering Technology Degrees

NOTICE OF CHANGE

Notice is hereby given that the following changes have been made to the proposed rule in accordance with subparagraph 120.54(3)(d)1., F.S., published in Vol. 45 No. 188, September 26, 2019 issue of the Florida Administrative Register.

The changes are in response to written comments submitted by the staff of the Joint Administrative Procedures Committee and discussion and subsequent vote by the board at a public meeting held November 6, 2019. The changes are as follows:

61G15-20.008 Educational Requirements for Applicants without ETAC/ABET Accredited Engineering Technology Degrees.

(1) Applicants having a baccalaureate degree in engineering technology from programs that are not accredited by ETAC/ABET must demonstrate:

(a) A minimum of 24 college semester credit hours of higher mathematics and basic sciences. Credit hours may be substituted with engineering science courses that are not used to satisfy the requirements of paragraph (1)(c).

1. through 2. No change.

(b) No change.

(c) A minimum of 40 college semester credit hours of engineering technology, engineering science, or engineering design taught within the college or by the faculty of engineering. Courses in this area shall have their roots in mathematics and basic sciences but carry knowledge further toward creative application of engineering principles. Examples of approved engineering technology courses are mechanics, thermodynamics, heat transfer, electrical and electronic circuits, materials science, transport phenomena, engineering economics, and computer science (other than computer programming skills). Courses in engineering design stress the establishment of objectives and criteria, synthesis, analysis, construction, testing, and evaluation. All engineering cCourse work should incorporate hands-on laboratory work as described in ETAC/ABET criteria, and shall contain a sufficiently designed engineering technology program to provide minimal competency in the use of engineering algorithms and procedures. Graduate-level engineering courses may be included to fulfill curricular requirements in this area. A maximum of six credit hours will be granted for thesis, dissertation, special topics and independent study at any level. Graphics or surveying courses will not be considered to meet engineering technology, science and design requirements. Cooperative training, practicums, internships, and continuing education activities will not receive credit.

(d) No change.

(2) through (6) No change.

Rulemaking Authority 471.008, 471.013(1 FS. Law Implemented 471.013(1) FS. History–New_____.

THE PERSON TO BE CONTACTED REGARDING THE PROPOSED RULE IS: Zana Raybon, Executive Director, Board of Professional Engineers, 2639 North Monroe Street, Suite B-112, Tallahassee, FL 32303; 850-521-0500.