

1 21 NCAC 56 .0601 is proposed for amendment under temporary procedures as follows:

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3 **SECTION .0600 - PROFESSIONAL LAND SURVEYOR**

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5 **21 NCAC 56 .0601 REQUIREMENTS FOR LICENSING**

6 (a) Education. The terms used by the Board for the specific education requirements to be eligible to be licensed as a
7 Professional Land Surveyor are defined as follows:

8 (1) "B.S. in surveying or other equivalent curriculum." These degrees shall contain a minimum of 45
9 semester hours, or their quarter-hour equivalents. Of the 45 semester hours, a minimum of 12
10 semester hours of surveying fundamentals, 12 semester hours of applied surveying practice, and 12
11 semester hours of advanced or theoretical surveying courses are required. The remainder of the
12 required surveying courses may be elective-type courses in any of the categories; and

13 (2) "Associate degree in surveying technology." This degree shall contain a minimum of 20 semester
14 hours, or quarter-hour equivalents. Courses shall be in surveying fundamentals, applied surveying
15 practice and advanced or theoretical surveying courses, including courses in surveying practices,
16 subdivision design and planning, surface drainage, and photogrammetry which must be completed
17 with a passing grade.

18 (3) "Land Surveyor Apprenticeship." The applicant shall have completed one of the following
19 programs:

20 (A) Certified Survey Technician Program (CST) of the National Society of Surveyors (NSPS)
21 levels I through IV.

22 (B) "Technologist" Certification Program of the American Society for Photogrammetry and
23 Remote Sensing (ASPRS)

24 (C) Based upon the Surveying Education Standard of the National Council of Examiners for
25 Engineering and Surveying (NCEES) by obtaining college semester credit hours, as modified to
26 require the following 39 hours:

27 (i) 12 hours in mathematics beyond basic mathematics, but the credits include college
28 algebra or higher mathematics. These courses must emphasize mathematical concepts
29 and principles rather than computation. Mathematics courses may include college
30 algebra, trigonometry, analytic geometry, differential and integral calculus, linear
31 algebra, numerical analysis, probability and statistics, and advanced calculus.

32 (ii) 27 college semester credit hours of surveying science and surveying practice. Courses
33 shall be taught by qualified surveying faculty. Examples of surveying courses are basic
34 surveying, route surveying, geodesy, geographic information systems, land development
35 design and planning, global positioning systems, photogrammetry, mapping, legal
36 principles of land surveying, boundary law, professional surveying and mapping, and
37 remote sensing. Graduate-level surveying courses can be included to fulfill curricular

