**Section 1270.15 Definition of a Non-Approved Program**

A non-approved program shall be defined as a baccalaureate degree from an accredited college or university that includes core courses in at least the following subjects, or their equivalents, for the minimum semester hours shown. The following subjects all may be completed prior to, concurrent with, or subsequent to receiving the baccalaureate degree.

a) Mathematics shall be satisfied by one of the below options. Courses in computer usage and/or programming shall not be used to satisfy the mathematics requirement.

1) College algebra and beyond (including but not limited to, trigonometry, calculus 1, calculus 2, numerical analysis and statistics) – 15 semester hours; or

2) Calculus 1 (or above) and statistics.

b) Basic Sciences (Physics and/or Chemistry) – 8 semester hours. Must include at least 4 hours of general chemistry and 4 hours of general physics providing a foundation of understanding of basic scientific principles.

c) Additional Sciences – 20 semester hours Additional Sciences have their roots in mathematics and basic sciences but carry the knowledge toward creative application. Such subjects include, but are not limited to, geology, geography, dendrology, astronomy, biology, soil mechanics, mechanics, and engineering sciences.

d) Land Surveying courses – 24 semester hours Land Surveying courses provide the basis of understanding and implementing the role of land surveyor and include, but are not limited to: fundamentals of land surveying, boundary surveying, route surveying, topographic surveying, descriptions, legal aspects, subdivision design, data computations and adjustments, map projections and geometric geodemy and photogrammetry.

(Source: Amended at 47 Ill. Reg. 798, effective January 5, 2023)