

661—505.102 (103) Standards for postsecondary electrical education programs. Policies developed by the board shall meet the following minimum standards:

505.102(1) A postsecondary electrical education program shall include coverage of subject matter areas approved and published by the board and available on request from the board office and from the board Web site. Every approved postsecondary electrical education program must include the technical electrical subjects set out in the policy, which must include at least 4 hours of instruction on the Iowa electrical statute, Iowa Code chapter 103, with a minimum of 1 hour on Iowa electrical licensing requirements.

505.102(2) Approved postsecondary electrical education programs must include a minimum number of contact hours, as specified in the policy adopted by the board. Each approved program must establish attendance policies that are specified in the policy adopted by the board. Each approved program must include 30 to 40 percent of contact hours that involve lecture, and the remaining hours must be laboratory or shop hours. In addition to completing the contact hours, each student must complete the specified number of hours of on-the-job training before the student is permitted to take the licensing examination.

505.102(3) A postsecondary electrical education program for a journeyman electrician license shall include at least 2000 hours of instruction, and the student must complete at least 6000 hours of on-the-job training before the student can become eligible to take the journeyman electrician examination. A postsecondary electrical education program for a residential electrician license shall include at least 1000 hours of instruction, and the student must complete at least 4000 hours of on-the-job training before the student can become eligible to take the residential electrician examination.

505.102(4) The board shall establish in its policy the minimum qualifications for instructors in a postsecondary electrical education program, which shall include:

- a.* Current licensing as an electrician, as set out in the board's policy; and
- b.* Compliance with standards set by the Iowa department of education for an instructor at a community college.