

**661—505.102 (103) Standards for postsecondary electrical education programs.** A postsecondary electrical education program shall not be approved unless it meets all of the following requirements:

**505.102(1)** The program shall include coverage of subject matter areas listed in the document “Required Subjects for Postsecondary Electrical Education Programs,” approved and published by the board and available on request from the board office and from the board Web site. Included in addition to technical electrical subjects shall be 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)** Completion of the course of study shall require a minimum of 2,000 contact hours between the student and instructors, of which a minimum of 1,600 hours shall cover technical electrical subjects. Between 30 and 40 percent of the 2,000 hours shall be lecture hours, and the balance shall be laboratory or shop hours.

**505.102(3)** The program shall have an attendance policy which requires that a student attend at least 95 percent of each required program course to receive credit for the course.

**505.102(4)** Each instructor shall possess one of the following qualifications:

*a.* Hold a current license as a class A master electrician or class A journeyman electrician issued by the board; or

*b.* Hold a bachelor of science degree or equivalent or higher degree in electrical engineering and have completed 4,000 hours of experience performing electrical work; or

*c.* Hold an associate of applied science or equivalent or higher degree in electrical construction or maintenance or both and have completed 8,000 hours of experience performing electrical work.

**505.102(5)** For each course limited to a specialized technical or general education area, the instructor shall possess evidence of related specialized technical knowledge, including completion of training, certification, or accreditation in the specialized subject matter.