

21 NCAC 18B .0202 EXPERIENCE

(a) Primary. As used in this Chapter, primary experience means working experience gained by the applicant while engaged in the installation of electrical wiring and equipment governed by the National Electrical Code or work activities related thereto. Examples of the capacity in which a person may work in gaining primary experience and the percentages for creditable primary experience are as follows:

	Percentage
(1) journeyman electrician or electrician mechanic;	100
(2) electrical foreman;	100
(3) electrical general foreman;	100
(4) electrical superintendent;	100
(5) electrical general superintendent;	100
(6) estimator for licensed electrical contractor;	100
(7) electrical inspector recognized as such by the State Department of Insurance;	100
(8) time spent by a professional engineer who is responsible for follow-up project supervision, beyond the point of delivery, in electrical engineering, design, or consulting;	100
(9) full-time instructor teaching National Electrical Code, NFPA 72, and related electrical courses at a college, university, community college, technical institute, high school, or vocational school;	80
(10) maintenance journeyman electrician or electrician mechanic employed in a full-time electrical maintenance department;	100
(11) time spent in electrical maintenance by a maintenance journeyman electrician or electrician mechanic employed in other than a full-time electrical maintenance department;	100
(12) military person holding an electrician rating or rank of at least E-4 who is engaged in land-based electrical installations similar or equivalent to work performed by an electrical contractor;	100
(13) electrical installations similar or equivalent to work performed by an electrical contractor;	100
(14) time spent in part-time or incidental work in any primary experience category;	100
(15) time spent installing or maintaining fire alarm or low voltage systems;	100
(16) time as a holder of NICET (National Institute for Certification in Engineering Technologies) certification on NFPA 72 Level I, II, III or IV applicable to Fire Alarm-Low Voltage license only.	100

In calculating accumulative primary experience, a total of 2,000 hours shall equal one creditable year. For example, an applicant who has worked in a primary capacity for a total of 7,200 hours has 3.6 years of creditable primary work experience.

(b) Secondary. As used in this Chapter, secondary experience means working experience gained while engaged in work or training that is related to the installation of electrical wiring and equipment governed by the National Electrical Code. Examples of the type of work or training in which a person may engage to gain creditable secondary experience and the percentages for creditable secondary experience are as follows:

	Percentage
(1) apprentice electrician training in an apprentice program approved by the North Carolina Department of Labor;	100
(2) time spent as an apprentice electrician or helper other than as described in Subparagraph (1) and (3) of this Paragraph;	80
(3) time spent in electrical maintenance by a maintenance apprentice or electrician helper employed in other than a full-time electrical maintenance department;	80
(4) student satisfactorily completing National Electrical Code and related electrical courses at a college, university, community college, technical institute, high school, or vocational school;	50
(5) time spent by a professional engineer who is not responsible for follow-up project supervision, beyond the point of delivery, in electrical engineering, design, or consulting;	50
(6) electrical construction design under the supervision of a professional engineer;	50

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| (7) | sales representative for an electrical wholesaler, distributor, or manufacturer; | 20 |
| (8) | appliance service and repair; | 20 |
| (9) | electric utility lineman; and | 10 |
| (10) | electric utility serviceman. | 20 |

In calculating cumulative secondary experience, a total of 2,000 hours shall equal one creditable year. The total number of creditable years shall be calculated by applying the percentage for creditable secondary experience and dividing the remainder hours by 2,000. For example, an Applicant who has 1,000 hours of work experience as a helper or regular apprentice and 2,200 hours of experience while enrolled in an approved apprentice training program has 1.5 years of creditable secondary experience.

(c) Other Experience. The Board shall approve other experience that is equivalent or similar to the primary or secondary experience defined in this Rule.

*History Note: Authority G.S. 87-42; 87-43.2; 87-43.3; 87-43.4;
 Eff. October 1, 1988;
 Amended Eff. January 1, 2010; March 1, 1999;
 Pursuant to G.S. 150B-21.3A, rule is necessary without substantive public interest Eff. February 2, 2016;
 Amended Eff. October 1, 2017.*