



Credential Tip Sheet: NCCER Electrician Level 1

Career Cluster: Architecture & Construction

CIP Code: 46.0301

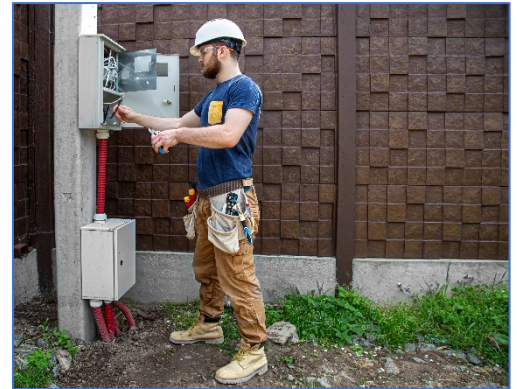
CIP Program Name: Electrical & Power Transmission Installation

Credentialing Agency: National Center for Construction Education & Research (NCCER)

Industry-recognized credential: NCCER Electrician Level One

What are the content areas covered by the credential?

The NCCER Electrician Level 1 credential covers the following content: Orientation to the trade, electrical safety, electrical circuits, electrical theory, introduction to national electrical code, device boxes, hand bending, raceways & fittings, conductors & cables, basic electrical construction drawing, residential electrical services, and electrical test equipment. Teachers can learn more about the credential by viewing information on the [NCCER Program Resources webpage](#) and the [Instructor Resource Center](#).



Credential Qualifications or Pre-requisites

NCCER Core is the pre-requisite and must be completed before taking the NCCER Electrician Level 1 exam. NCCER recommends 145-160 hours of training for this credential. Level 1 is a pre-requisite for Level 2 and Level 3. Note: Modules from Level 2 and Level 3 may be needed to meet required competencies however, earning the credential at those levels is not expected.

Exam Information

NCCER Electrical Level 1 exam details can be found by viewing this [Level 1 Electrical Specification Sheet](#). This written assessment is a two-hour, closed-book exam with 60 questions. The assessment results are recorded in the NCCER's Registry and will be mailed to the student upon satisfactory completion of the test and processing by the Master Trainer. You may order modules from Pearson (1-800-922-0579) or from NCCER's Online Catalog at www.nccer.org. Call 1-800-848-9500 to set up an account and obtain an 11-digit Pearson account number to place an order and get the discounted business pricing.

Who is eligible for the credential?

Student concentrators in state-approved CTE programs who have completed at least two Perkins Course Competencies (PCC) with a 2.0 or better and have completed the qualifications and instruction required by the credentialing body may take the credential exam.

A PCC is a specific set of related CTE competencies based on standards from one CIP code that are grouped together. For Perkins V reporting, standardized courses will be termed "PCCs." (Source: [Perkins V FINAL Definitions: Course, Participant, Concentrator, Completer](#) memo)

Credentials earned may be recorded for students in the Career and Technical Education Information System (CTEIS) through August 31st of the student's graduation year. Step-by-step instructions on how to enter credentials in CTEIS can be found here: [Manage Credentials Guide](#).



Contact Information

Credential and Testing Information

Contact: K12CustomerService@pearson.com
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Phone: 386-518-6500
Website: <https://www.nccer.org/>

CTE Program Questions

Lee Greenacre, Education Consultant at 517-241-5346 or
GreenacreL@michigan.gov

Michigan CTE Assessment Policies

Dr. Valerie Milton, Research Consultant at 517-335-1066 or MiltonV@michigan.gov

