

### Commercial Electrician V2 COMELEC26\_01 Updated May 2023

#### Overview

- Two-hour closed-book examination
- May use a basic function, non-printing calculator
- No extra papers, books, notes or study materials are allowed
- May use the downloadable Electrical Formula sheet found on the Electrical craft page of the NCCER website
- A corresponding hands-on Performance Verification is available

Minimum passing score is 70.

#### NCCER Curriculum

All NCCER knowledge assessments are referenced to NCCER's curriculum modules as listed on this specification sheet. You may order books and modules from Pearson by visiting [nccer.org/order-books-modules](http://nccer.org/order-books-modules).

#### Assessment Development

All questions are developed and approved by subject matter experts under the direction of NCCER.

#### Credentials

Upon successful completion of the knowledge assessment, NCCER will send applicable credentials to the assessment center.

#### Score Report and Training Prescription

Each candidate will have access to their assessment results including their overall score and recommended training.

#### NCCER Registry

Knowledge assessment results are recorded in NCCER's Registry and become a part of the portable record of an individual's NCCER credentials.

#### Written Assessment Contents:

Module ID	Content Domain/Module Title	Number of Items
26101-05	Electrical Safety	5
26102-05	Hand Bending	3
26104-05	Electrical Theory One	4
26106-05	Electrical Test Equipment	4
26107-05	Introduction to National Electric Code	5
26108-05	Raceways, Boxes and Fittings	4
26109-05	Conductors	3
26110-05	Introduction to Electrical Blueprints	5
26111-05	Wiring: Commercial & Industrial	7

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**Written Assessment Contents:**

Module ID	Content Domain/Module Title	Number of Items
26203-05	Grounding	5
26204-05	Conduit Bending	4
26205-05	Boxes and Fittings	4
26206-05	Conductor Installations	3
26208-05	Conductor Terminations and Splices	3
26209-05	Installation of Electric Services	3
26210-05	Circuit Breakers and Fuses	3
26211-05	Contactors and Relays	2
26212-05	Electric Lighting	3
26301-05	Load Calculations – Branch Circuits	4
26302-05	Conductor Selection and Calculations	4
26303-05	Overcurrent Protection	4
26304-05	Raceway, Box and Fitting Fill Requirements	2
26305-05	Wiring Devices	3
26306-05	Distribution Equipment	3
26307-05	Distribution System Transformers	2
26308-05	Lamps, Ballasts and Components	2
26401-05	Load Calculations, Feeders and Services	2
26403-05	Standby and Emergency Systems	2
26405-05	Fire and Alarm Systems	2

**Total Number of Items**

**100**