



# National Craft Assessment and Certification Program S P E C I F I C A T I O N S

## Commercial Electrician (COMELEC26)

Released December 2004

### Overview

This written assessment is a two-hour closed-book examination. You will be permitted to use a basic function, non-printing calculator during the examination. The assessment center will provide any necessary pencils. No extra papers, books, notes or study materials are allowed in the testing area.

### Study Material

All NCCER written assessments are referenced to Contren® Learning Series modules listed in the content. You may order modules from Pearson (800.922.0579) or from NCCER's Online Catalog at [www.nccer.org](http://www.nccer.org).

### Assessment Development

All questions on each assessment have been developed and approved by subject matter experts from the respective craft. Assessment development and administration is under the direction of Prov™, NCCER's testing partner.

### Credentials

NCCER will send appropriate credentials (certificate, wallet card and official transcript) to the assessment center upon successful completion of the written assessment.

### Training Prescription Reports

Each candidate will have access to individual results of the written assessment from Prov's website at [www.provexam.com](http://www.provexam.com). This training prescription will include the overall score and results by topic area.

### National Registry

Assessment results will be maintained in NCCER's National Registry and become a part of each candidate's training records. These records are stored and become a portable record of the candidate's training and assessment achievements.

### Written Assessment Contents:

Module Number	Topic Area	Number of Questions
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
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
	<b>Total Number of Questions</b>	<b>100</b>

*The cut score for this assessment is 70%.*

*A Performance Verification is available.*