



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

COMMERCIAL ELECTRICIAN V2 COMELEC26_01 Released December 2004

Overview

This knowledge assessment is a two-hour closed-book examination. You will be permitted to use a basic function, non-printing calculator during the examination. No extra papers, books, notes or study material are allowed in the testing area. May use downloadable Electrical Formula sheet found on Electrical craft page of NCCER website.

NCCER Curriculum

All NCCER knowledge assessments are referenced to NCCER's curriculum modules as listed on this specification sheet. You may order modules from Pearson (800.922.0579) or from NCCER's Online Catalog at www.nccer.org.

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.

Knowledge 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
Total Number of Questions		100

The cut score for this assessment is 70.

A corresponding hands-on Performance Verification is available at nccer.org.