Electronic Systems Technician
(EST33_01)
Released March 2005

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.

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. 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
33102	Construction Materials and Methods	4
33103	Pathways and Spaces	4
33104	Fasteners and Anchors	4
33106	Electrical Theory One (D/C Theory)	8
33107	Electrical Safety	4
33108	Low-Voltage Cabling	8
33202	Electrical Theory Two (A/C Theory)	8
33203	Basic Electronic Theory	4
33204	Electrical Test Equipment	6
33205	Power Quality and Grounding	7
33206	Introduction to Electrical Blueprints	4
33208	Switching Devices and Timers	5
33209	Terminating Conductors	5
33210	Introduction to Codes and Standards	4
33211	Computer Applications	5
33301-04	Cable Selection	5
33302-04	Busses and Networks	6
33303-04	Fiber Optics	4
33307-04	Maintenance and Repair	5
	Total Number of Questions	**100**

The cut score for this assessment is 72%.

A Performance Verification is available.