

# C-11 Electrical (Residential)

## License Information

**Scope** – Installation and repair of electrical systems.

## Examination Outline

### Open Book

**80 Questions - Four-hour time limit**

**70% Correct required to pass**

Exam Topic	%
General Electrical Knowledge	21
Services, Feeders, and Branch Circuits	20
Conductors	15
Equipment for General Use	13
Grounding and Bonding	9
Low Voltage Circuits	6
Motors and Controls	5
Raceways and Enclosures	5
Special Occupancies and Equipment	2
Safety	4

## References

The following reference was used to create exam questions and **is allowed** in the testing center.

1. *NFPA 70 National Electrical Code*, 2005 Edition, National Fire Protection Association, 1 Batterymarch Park, P.O. Box 9101, Quincy, MA 02269-9101, [www.nfpa.org](http://www.nfpa.org).

The following references were used to create exam questions but **are not allowed** in the testing center.

1. *Alternating Current Fundamentals*, Seventh Edition, 2006, Delmar Learning, P.O. Box 6904, Florence, KY 41022, [www.delmarlearning.com](http://www.delmarlearning.com).
2. *Mike Holt's Illustrated Guide to Basic Electrical Theory*, Second Edition, Mike Holt Enterprises, Inc., 3604 Parkway Blvd., Suite 3, Leesburg, FL 34748, [www.NECcode.com](http://www.NECcode.com).
3. *State of Arizona OSHA, Safety and Health Standards for the Construction Industry (29 CFR Part 1926)*, 2007, Arizona Industrial Commission, Division of Occupational Safety & Health, Industrial Commission of Arizona, P.O. Box 19070, Phoenix, AZ 85005-9070, [www.ica.state.az.us](http://www.ica.state.az.us).

For information on how to obtain exam references, please call toll-free 877.624.2562.

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