

**STATE OF UTAH**  
**MASTER ELECTRICIAN CODE EXAMINATION**

SCOPE OF WORK

A person who possesses the knowledge and skill to design, plan, layout, install, alter, repair, add to, or change electrical conductors, fixtures, appliances, apparatus, raceways, conduit, or any part thereof which generates, transforms, or utilizes electrical energy in any form for light, heat, power, or communications.

# of Questions	Minimum Passing Score	Time Allowed
80	75%	180 Minutes

CONTENT OUTLINE

Subject Area	# of Items
Definitions & General Requirements	8
Raceways & Enclosures	8
Services, Feeders & Branch Circuits	12
Overcurrent Protection	5
Conductors & Cables	6
Grounding & Bonding	10
Lighting & General Use Equipment	5
Special Occupancies & Equipment	7
Motors & Controllers	8
Communications Systems	3
Special Conditions	3
State Laws & Rules	5

REFERENCE LIST

The reference material listed below was used to prepare the questions for this examination. The examination may also contain questions based on trade knowledge or general industry practices. **Except for Code books**, you can base your answers on later editions of references as they become available. For Code questions, the examinations will be based **only** on the edition of the Code book that is listed.

Candidates may use a silent, nonprinting, non-programmable calculator in the examination center.

**The following reference material is allowed in the examination center:**

- *NFPA 70 - National Electrical Code, 2017 Edition*, National Fire Protection Association, 1 Batterymarch Park, P.O. Box 9101, Quincy, MA 02269-9101, [www.nfpa.org](http://www.nfpa.org)
- *Utah Amendments to the National Electrical Code, 2017.*
- *NASCLA Contractors Guide to Business, Law and Project Management*, Utah, 3rd Edition, National Association of State Contractors Licensing Agencies (NASCLA), (623) 587- 9519, Fax (623) 587-9625

Reference material may be highlighted, underlined, and/or indexed. They must be otherwise unmarked (not written in) and may not contain additional papers (loose or attached). **THESE REFERENCES WILL NOT BE AVAILABLE IN THE EXAMINATION CENTER.** References may be tabbed/indexed with permanent tabs only. Temporary tabs, such as Post-It notes, are not allowed and must be removed from the reference before the exam will begin. If you are downloading from the Internet, you may bring this reference into the testing center with you as long as it is bound. You can have it spiral bound or you may hole-punch it and put it in a binder.

PRETEST ITEMS

In addition to the number of questions per examination, a small number of five to ten “pretest” questions may be administered to candidates during the examination. These questions will not be scored and sufficient time to answer them is included in the examination time. The administration of such nonscored experimental questions is an essential step in developing future licensing examinations.