

STATE OF UTAH  
MASTER ELECTRICIAN THEORY EXAMINATION

# of Questions	Minimum Passing Score	Time Allowed
50	75%	115 Minutes

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.

CONTENT OUTLINE

Subject Area	# of Items
Voltage	10
Current	10
Resistance	10
Power	10
Voltage Drop	10

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:*

- *Ugly's Electrical References*, George V. Hart, 2017, Jones and Bartlett, (800) 832-0034, [www.uglys.net](http://www.uglys.net). All items are based on either the 2008, 2011, 2014 or 2017 editions.
- *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).

*The following reference material is NOT allowed in the examination center:*

- *Utah Amendments to the National Electrical Code*, 2017.

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.