

License Information

Scope – Tests a candidate's knowledge of the planning, installation, repair, alteration, and maintenance of electric conductors, raceways, and equipment for light, heat, and power.

Examination Outline**Open Book****80 Questions - Three-hour time limit****75% Correct required to pass**

Exam Topic	%
General Electrical Knowledge	10
Wiring and Protection	25
Wiring Methods and Materials	20
Equipment for General Use	20
Special Occupancies	10
Special Equipment	5
Special Conditions	5
Communication Systems	5

Copyrighted Exam Questions

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References

The following references **are allowed** in the testing center.

1. *Alternating Current Fundamentals*, Seventh Edition, 2006, Delmar Learning, P.O. Box 6904, Florence, KY 41022, www.delmarlearning.com.
2. *Mike Holt's Illustrated Guide to Basic Electrical Theory*, Third Edition, 2008, Mike Holt Enterprises, Inc., 3604 Parkway Boulevard, Suite 3, Leesburg, FL 34748, www.NECcode.com.
3. *NFPA 70 National Electrical Code*, 2008 Edition, National Fire Protection Association, 1 Batterymarch Park, P.O. Box 9101, Quincy, MA 02269-9101, www.nfpa.org.
4. *Printreading Based on the 2008 National Electrical Code (NEC)*, 2008 Edition, American Technical Publishers (ATP), 1155 West 175th Street, Homewood, IL 60430-4600, www.go2atp.com.

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

Journeyman Electrician - EBE1V

Volusia County

Scope

A Journeyman Electrician is qualified to install, repair, maintain, fabricate, alter, extend, and construct any electrical systems, fire or burglar alarm systems, and all appurtenances, apparatus, and equipment used in connection therewith.

Examination Content Outline

The Electrician Journeyman examination is based on trade-specific information pertaining to materials, tools, equipment, practices, terminology, and relevant laws. The examination is a three (3) hour, open book exam that consists of 80 questions.

Subjects:	No. of Items
General Theory	13
Chapter 1	8
Chapter 2	6
Chapter 3	9
Chapter 4	13
Chapter 5	5
Chapter 6	7
Chapter 7	2
Chapter 8	2
Chapter 9	5
Safety	10
Total:	80

Approved References

1. NFPA 70 - **National Electrical Code**, 2008
2. **Code of Federal Regulations – Title 29, Part 1926** (OSHA), 2003
3. **American Electricians Handbook**, 1996, 13th edition, Croft/Summers
4. **Ugly's Electrical References**, 2002, Hart

Journeyman Electrician 2008

A Journeyman Electrician is qualified and tested to perform work in the electrical trades while employed by a Master Electrician.

Number of Questions	70
Time allowed (hours)	3
Subject Area	# Quest.
General Electrical Theory & Principles	9
Plan Reading	4
Wiring & Protection	14
Wiring Methods & Materials	22
Motors & Controls	3
Equipment for General Use	6
Special Occupancies	2
Special Equipment	3
Special Conditions	3
Communication Systems	4

References

- **American Electricians' Handbook**, 15th Edition. ISBN: 978-0-07-149462-5. McGraw Hill Glencoe Order Services, P.O. Box 545, Blacklick, OH 43004.
- **NFPA 70 - National Electrical Code**, 2008. ISBN: 978-0877657903. National Fire Protection Association, 1 Batterymarch Park, Quincy, MA 021697471. Available at www.nfpa.org.

Journeyman Electrician (Spanish) 2008

A Journeyman Electrician is qualified and tested to perform work in the electrical trades while employed by a Master Electrician.

Number of Questions	70
Time allowed (hours)	3
Subject Area	# Quest.
Communication Systems	4
Equipment for General Use	6
General Electrical Theory & Principles	9
Motors & Controls	3
Plan Reading	4
Special Conditions	3
Special Equipment	3
Special Occupancies	2
Wiring & Protection	14
Wiring Methods & Materials	22

References

- **American Electricians' Handbook**, 15th Edition. ISBN: 978-0-07-149462-5. McGraw Hill Glencoe Order Services, P.O. Box 545, Blacklick, OH 43004.
- **NFPA 70 - National Electrical Code**, 2008. ISBN: 978-0877657903. National Fire Protection Association, 1 Batterymarch Park, Quincy, MA 021697471. Available at www.nfpa.org.