State of Florida

Journeyman Electric

Catalog Number: F20214
Exam Number: 913055
Effective Date: 08/11/11

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

References

The following reference **is allowed** in the testing center.

1. *NFPA 70 National Electrical Code*, 2011 Edition, National Fire Protection Association, 1 Batterymarch Park, P.O. Box 9101, Quincy, MA 02269-9101, www.nfpa.org.

The following reference was used to create exam questions but **is not allowed** in the testing center.

1. *Delmar's Standard Textbook of Electricity*, Fourth Edition, 2008, Delmar Learning, P.O. Box 6904, Florence, KY 41022, www.delmarlearning.com.

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

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GITS: Gainesville Independent Testing Service
EIS: Examination Information Sheet

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**, 2011
2. **Code of Federal Regulations – Title 29, Part 1926** (OSHA), 2010
3. **American Electricians Handbook**, 2002, 14th edition, Croft/Summers
4. **Ugly's Electrical References**, 2002, Hart

Study Guides

The following books are accepted study materials, but are NOT allowed for use at the examination. They will assist you in preparation for the examination.

1. Mike Holt's Illustrated Guide to Electrical Exam Preparation,
2. Mike Holt's Understanding the National Electric Code, Vol 1 and Vol 2
3. Mike Holt's Electrical Formulas

Journeyman Electrician 2011 ProV

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.**
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
General Electrical Theory & Principles	9

References

American Electricians' Handbook , 15th Edition. ISBN: 978-0-07-149462-5. McGraw Hill Glencoe Order Services, P.O. Box 545, Blacklick, OH 43004. Available at www.amazon.com

NFPA 70 - National Electrical Code , 2011. National Fire Protection Association, 1 Batterymarch Park, Quincy, MA 02169-7471. Available at www.nfpa.org.