

## State of Alabama Electrical Contractor Board Examinations

#### FREQUENTLY ASKED QUESTIONS

- How do I register to test? To schedule for testing, go to <a href="https://www.provexam.com/schedule">https://www.provexam.com/schedule</a>. You may also call us at 801-733-4455. Click here for more information about registering.
- WHERE CAN I TEST? You may test at any one of Prov's testing centers. <u>Click here</u> for a current list and directions to each of our Alabama testing centers.
- 3. **How Much Does it cost?** You pay your exam fee to the State, so there is no fee to pay Prov for testing.
- 4. WHEN DO I GET MY TEST RESULTS? Prov's scoring system will grade your exam immediately upon completion of your test and will automatically forward the results to the state board. The Board will mail you your score.
- 5. **ARE THERE ANY STUDY AIDS?** Yes, in our <u>bookstore</u> we sell practice examinations to help you prepare for your test.
- 6. **WHAT IS ON THE TEST?** <u>Click here</u> for information about the available examinations.

#### MORE QUESTIONS

Please read through this bulletin completely for answers to your questions. If you still have unanswered questions, you may contact us at the following:

For Licensing Questions -

#### **AECB**

2777 Zelda Road Montgomery, AL 36106 Ph: (334) 269-9990 Fax: (334) 263-6115 www.aecb.alabama.gov Office Hours: 8:30 a.m. to 4:30 p.m. For Testing Questions –

#### Prov Inc.

150 W Civic Center Drive Suite 601 Sandy, UT 84070 Toll Free: (801) 733-4455 www.provexam.com

Office Hours: 8am to 6pm.

#### **GENERAL TESTING INFORMATION**

The Alabama Electrical Contractors Board has contracted with Prov, Inc. to administer their licensing examination program for state licensed electrical contractors and electrical journeyman. This bulletin has been developed to help explain the rules and processes you will need to undertake to complete the testing requirement for your Electrical Contractors and Electrical Journeyman licenses.

Alabama law requires that each individual who is engaged in the electrical contracting business or performing work as an Electrical Contractor or Electrical Journeyman to be licensed. To become licensed, an individual must first complete the appropriate application with the Alabama Electrical Contractors Board. Applications are reviewed quarterly and deadlines are posted online at the Alabama Electrical Contractors Board website. Once you have been approved for testing, the Board will notify you that you are eligible to contact Prov to schedule your examination. You will be eligible to take the exam within 90 days of the approval date. Failing candidates must reapply each time they test.

Prov is not authorized to make the determination of which examination(s) candidates must take. If a candidate is unsure which exam is needed for the license being sought, resolve this question before scheduling. If candidates have questions regarding which exam(s) to take, they must call the Alabama Electrical Contractors Board at (334) 269-9990.

The following is a list of the examinations administered by Prov for licensing through the Alabama Electrical Contractors Board. All exams are open book and are timed. Detailed information about exam content, duration and reference materials can be found in the Exam Descriptions section of this document.

- NASCLA National Electrical Contractor
- Electrical Contractor Business and Law
- NASCLA National Electrical Journeyman
- Alabama Electrical Contractor
- Alabama Electrical Journeyman
- Alabama Electrical Contractor Restricted

**Note:** Electrical Contractor test takers must pass BOTH the National Electrical Contractor theory test as well as the Business and Law examination.

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#### TESTING WITH PROV

Your exam will be administered by computer at one of Prov's testing centers. Prov's testing system is easy to use and requires no specific computer experience to take the test.

The following link will take you to a short video that demonstrates Prov's testing system: https://youtu.be/h3T9svnIdLY.

#### WHERE TO TAKE YOUR EXAM

You may take your examination at any of Prov's testing facilities nationwide. Prov has established thirteen (13) testing centers within Alabama where candidates can take their examinations. These testing centers are located in Auburn, Birmingham, Enterprise, Huntsville, Jacksonville, Mobile, Montgomery Sheffield and Tuscaloosa. Site addresses, testing availability, and drive directions are provided at the end of this bulletin.

#### How to Schedule Online

1. To schedule online, navigate to:

#### https://www.provexam.com/schedule

2. Enter your identifying information into the system. The State has already shared your testing information with Prov. We need to locate your information within our system. Follow the on-screen fields to enter your Known Candidate ID and your Last Name. The Candidate ID will be your social security number. Please enter all of the numbers.

Then, enter your last name and select the **Retrieve Details** button.

3. On the Welcome Screen, you will schedule a Date, Time, and Location for your exam by selecting the link labeled:



- The scheduling system will display a map to graphically show where the different testing centers are located. Select a testing center from the list of centers to the right of the map.
- 5. Select the SCHEDULE link to check the calendar for the testing center.
- 6. Select a test **date** and **time** from the calendar that matches your schedule.
- Confirm your selected date and time, and select Add to Cart.

 Proceed to payment. The examination is prepaid by the licensing board so the exam totals should equal \$0. Press Submit to finalize the registration. An email will be sent to you confirming your scheduled date/time and location.

If you have any problems with online scheduling, give us a call at (801) 733-4455.

#### **SCHEDULING BY PHONE**

To schedule for an examination by phone, candidates should contact Prov toll free at 801-733-4455. Prov scheduling staff is available 8:00 a.m. through 6:00 p.m. ET, Monday through Friday.

Candidates should be prepared to provide the Prov scheduling staff with their name, Prov Candidate ID and their zip code. Once Prov confirms the candidate's identity, Prov staff will search the database for the next available testing session at the candidate's preferred testing location and will provide candidates with any alternate locations that may be in close proximity to their address. Once candidates are scheduled, Prov staff will email them information regarding their testing schedule.

#### CANCEL/RESCHEDULING POLICY

If you need to change or cancel their testing appointment, you must contact Prov at least **three (3) business days** prior to your scheduled test date. Rescheduling is free if Prov is notified by the deadline. If you fail to appear for their test or fail to cancel or reschedule your testing session by the close of business three days prior to their scheduled test date, you will forfeit your exam fees.

#### Preparing for Your Exams

The licensing examination that you will take has been designed to test what qualified individuals (master or journeyman) should know as they work in the Electrical field. The test questions used on the examinations have been prepared and reviewed by a panel of qualified individuals and cover the wide range of topics individuals would normally encounter as a master or journeyman during regular work operations.

Prov recommends that you prepare for your exam by familiarizing yourself with the subject areas listed in each exam description. Additionally, familiarize

yourself with the reference materials that are allowed during the examination. The more time you spend outside of the testing room studying, the less time you will need to spend in the testing room trying to location information. You are encouraged to prepare your test materials by highlighting text or placing permanent tabs on important pages.

It is NOT mandatory that candidates purchase any study materials in preparation for their examinations; however, all examinations permit the use of authorized study materials and candidates may be at a disadvantage if they do not bring those materials with them to their testing session. At a minimum Prov recommends that candidates have their own code books related to their exams which may be useful to candidates after their testing is complete.

#### EXAM DESCRIPTIONS

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#### **Alabama Electrical Contractor**

**Number of Questions** 

| Time allowed (hours)                  | 5        |
|---------------------------------------|----------|
| Subject Area                          | # Quest. |
| Business Organization                 | 1        |
| Risk Management                       | 2        |
| Project Management                    | 2        |
| Estimating                            | 4        |
| Safety and Environmental              | 2        |
| Labor Laws                            | 3        |
| Payroll and Employment Taxes          | 4        |
| Financial Management                  | 4        |
| Contracts                             | 3        |
| Lien Laws                             | 1        |
| Licensing Laws                        | 4        |
| General electrical Knowledge          | 10       |
| Grounding and Bonding                 | 9        |
| Conductors and Cables                 | 10       |
| Raceways and Boxes                    | 8        |
| Special Occupancies and Equipment     | 4        |
| Electrical Power                      | 3        |
| Motors                                | 6        |
| Low Voltage                           | 2        |
| Lighting                              | 3        |
| Illuminated Signs                     | 2        |
| Fire Detection and Alarm Systems      | 2        |
| Safety Information                    | 5        |
| Overcurrent Protection                | 6        |
| Service, Feeders, and Branch Circuits | 10       |

#### References

 Ala. Supplement to the Contractors Guide to Business, Law and <u>Project Management</u>, 2014. Prov Bookstore, 150 W Civic Center Drive, Suite 601, Sandy, UT 84070.

- American Electrician's Handbook, 21st Edition. ISBN: 978-1260457919. McGraw Hill Publishing Inc., P.O. Box 182604, Columbus, OH 43272.
- NASCLA Contractors Guide to Business, Law and Project
   Management, 13th. ISBN: 978-1948558143. NASCLA, 23309 N.
   17th Drive, Building 1, Unit 110, Phoenix, AZ 85027.
- NFPA 70 National Electrical Code 2023 ISBN: 9781455922970.
   National Fire Protection Association, 1 Batterymarch Park, Quincy, MA 02169-7471. Available at www.nfpa.org.

# <u>Alabama Electrical Contractor (Restricted)</u> <u>Examination</u>

| Time allowed (hours)                             | 4        |
|--|----------|
| Subject Area                                     | # Quest. |
| Business Organization                            | 1        |
| Risk Management                                  | 2        |
| Project Management                               | 2        |
| Estimating                                       | 4        |
| Safety and Environmental                         | 2        |
| Labor Laws                                       | 3        |
| Payroll and Employment Taxes                     | 4        |
| Financial Management                             | 4        |
| Contracts  | 3        |
| Lien Laws  | 1        |
| Licensing Laws                                   | 4        |
| Grounding and Bonding                            | 10       |
| General Knowledge of the Electrical Trade and    | 5        |
| Calculations                                     |          |
| Service, Feeders, Branch Feeders and Overcurrent | 10       |
| Protection                                       |          |
| Raceways and Enclosures                          | 6        |
| Conductors                                       | 6        |
| Motors and Controls                              | 4        |
| Utilization and General Use Equipment            | 8        |
| Special Occupancies and Equipment                | 5        |
| Low Voltage Circuits, Including Alarms and       | 3        |
| Communications                                   |          |
| Safety   | 3        |
|  |          |

#### References

**Number of Questions** 

- Ala. Supplement to the Contractors Guide to Business, Law and <u>Project Management</u>, 2014. Prov Bookstore, 150 W Civic Center Drive, Suite 601, Sandy, UT 84070.
- American Electrician's Handbook, 21st Edition. ISBN: 978-1260457919. McGraw Hill Publishing Inc., P.O. Box 182604, Columbus, OH 43272.
- NASCLA Contractors Guide to Business, Law and Project
   Management, 13th. ISBN: 978-1948558143. NASCLA, 23309 N.
   17th Drive, Building 1, Unit 110, Phoenix, AZ 85027.
- NFPA 70 National Electrical Code 2023. ISBN: 9781455922970.
   National Fire Protection Association, 1 Batterymarch Park, Quincy, MA 02169-7471. Available at www.nfpa.org.

#### **Alabama Electrical Journeyman**

| Number of Questions                   | 80       |
|---------------------------------------|----------|
| Time allowed (hours)                  | 4        |
| Subject Area                          | # Quest. |
| Conductors and Cables                 | 10       |
| Electrical Power                      | 2        |
| Fire Detection and Alarm Systems      | 2        |
| General Electrical Knowledge          | 10       |
| Grounding and Bonding                 | 8        |
| Illuminated Signs                     | 2        |
| Lighting                              | 3        |
| Low Voltage                           | 2        |
| Motors                                | 6        |
| Overcurrent Protection                | 5        |
| Raceways and Boxes                    | 10       |
| Safety Information                    | 5        |
| Service, Feeders, and Branch Circuits | 9        |
| Special Occupancies and Equipment     | 6        |

#### References

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- American Electrician's Handbook, 21st Edition. ISBN: 978-1260457919. McGraw Hill Publishing Inc., P.O. Box 182604, Columbus, OH 43272.
- NFPA 70 National Electrical Code 2023. ISBN: 9781455922970.
   National Fire Protection Association, 1 Batterymarch Park, Quincy, MA 02169-7471. Available at www.nfpa.org.

# (NASCLA) Electrical Contractor (Master Electrician/Unlimited Electrician)

One who conducts business in the installation, maintenance and repair of electrical work conforming to applicable standards and codes.

| Number of Questions<br>Time allowed (hours)                    | 110<br>4.5 |
|--|------------|
| Subject Area   | # Quest.   |
| Communication Systems  | 1          |
| Electrical Theory & Principles                                 | 11         |
| Experimental   | 10         |
| General Code Requirements                                      | 17         |
| General Equipment Use  | 13         |
| Project Design and Management                                  | 8          |
| Safety   | 9          |
| Special Occupancies, Special Equipment, and Special Conditions | 8          |
| Wiring and Protection  | 17         |
| Wiring Methods and Materials                                   | 16         |

#### References

- A Guide to the Project Management Body of Knowledge, 2020.
   ISBN: 978-1880410233. Project Management Institute, 14 Campus Blvd, Newtown Square, PA 19073-3299.
- ANSI/ASHRAE/IES Standard 90.1-2016, 2016. American National Standards Institute, 25 West 43rd Street, 4th floor, New York, NY

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10036. https://www.energycodes.gov/technical-assistance/training/courses/ansiashraeies-standard-901-2016

- <u>Code of Federal Regulations, Title 29 Labor Pt 1926 Revised as of</u>
   <u>July 1, 2016</u>, 2016. ISBN: 978-1354237915. National Archives and
   Records Administration, College Park, MD.
   https://bookstore.gpo.gov
- <u>Delmar's Standard Textbook of Electricity</u>, 6th. ISBN: 978-1285852706. Cengage Learning, PO Box 6904, Florence, KY 41022-6904.
- International Residential Code, 2015. ISBN: Item # 3100S15.
   International Code Council, 4051 West Flossmoor Road, Country Club Hills, IL 60478. Available @iccsafe.org or https://www.provexam.com/en-us/shop
- NASCLA Contractors Guide to Business, Law and Project
   Management, 13th. ISBN: 978-1948558143. NASCLA, 23309 N. 17th Drive, Building 1, Unit 110, Phoenix, AZ 85027.
- NFPA 101- Life Safety Code Handbook, 2015. National Fire Protection Association, 1 Batterymarch Park, Quincy, MA 02169-7471. https://catalog.nfpa.org
- NFPA 70E Standard for Electrical Safety in the Workplace, 2015.
   National Fire Protection Association, 1 Batterymarch Park, Quincy, MA 02169-7471.
- NFPA 72 National Fire Alarm and Signaling Code, 2016. ISBN: 978-1455911646. National Fire Protection Association, 1 Batterymarch Park, Quincy, MA 02169-7471. www.nfpa.org
- OSHA 3071 Job Hazard Analysis Guide, 2002. Occupational Health and Safety Administration. https://www.osha.gov/sites/default/files/publications/osha3071. pdf
- <u>Soares Book on Grounding and Bonding</u>, 2014. ISBN: 978-1890659653. International Association of Electrical Inspectors, 901 Waterfall Way, Suite 602, Richardson, TX 75080.
- The National Electrical Code, 2023. ISBN: 978-1-45592-290-1.
   National Fire Protection Association, 1 Batterymarch Park, Quincy, MA 02169-7471. Available at NFPA.org
- <u>Ugly's Electrical References</u>, 2017. ISBN: 978-1-284-11936-7.
   Jones and Bartlett Publishers, 40 Tall Pine Dr., Sudbury, ME 01776.
   Available at www.uglys.net.

#### **Electrical Contractor Business & Law**

**Number of Questions** 

Time allowed (hours)

| Subject Area                 | # Quest. |
|------------------------------|----------|
| Business Organization        | 4        |
| Contracts                    | 3        |
| Estimating                   | 4        |
| Financial Management         | 4        |
| Labor Laws                   | 4        |
| Licensing Laws               | 3        |
| Lien Laws                    | 3        |
| Payroll and Employment Taxes | 4        |
| Project Management           | 3        |
| Risk Management              | 4        |
| Safety and Environmental     | 4        |

#### References

**Number of Questions** 

- Ala. Supplement to the Contractors Guide to Business, Law and <u>Project Management</u>, 2014. Prov Bookstore, 150 W Civic Center Drive, Suite 601, Sandy, UT 84070.
- NASCLA Contractors Guide to Business, Law and Project
   Management, 13th. ISBN: 978-1948558143. NASCLA, 23309 N.
   17th Drive, Building 1, Unit 110, Phoenix, AZ 85027.

#### (NASCLA) Journey-level Electrician

| Time allowed (hours)                         | 5        |
|--|----------|
| Subject Area                                 | # Quest. |
| Basic Electrical Safety                      | 8        |
| Electrical Theory and Principles             | 10       |
| Equipment for General Use                    | 10       |
| Experimental Items                           | 10       |
| General Code Requirements                    | 15       |
| Interpreting Plans & Specifications          | 6        |
| Special Conditions and Communication Systems | 2        |
| Special Occupancies and Special Equipment    | 8        |
| Testing and Troubleshooting                  | 7        |
| Wiring and Protection                        | 18       |
| Wiring Methods & Materials                   | 16       |

#### References

- <u>Delmar's Standard Textbook of Electricity</u>, 6th. ISBN: 978-1285852706. Cengage Learning, PO Box 6904, Florence, KY 41022-6904.
- <u>Electricity One</u>, 3rd Edition. ISBN: 978-0139178573. Pearson, 501 Boylston Street, Suite 900, Boston, MA 02116.
- International Residential Code, 2015. ISBN: Item # 3100S15.
   International Code Council, 4051 West Flossmoor Road, Country Club Hills, IL 60478. Available @iccsafe.org or https://www.provexam.com/en-us/shop
- NFPA 101- Life Safety Code Handbook, 2015. National Fire Protection Association, 1 Batterymarch Park, Quincy, MA 02169-7471. https://catalog.nfpa.org
- NFPA 70 National Electrical Code 2020, 2020. ISBN: 9781455922970. National Fire Protection Association, 1 Batterymarch Park, Quincy, MA 02169-7471. Available at www.nfpa.org.
- NFPA 70E Standard for Electrical Safety in the Workplace, 2015.
   National Fire Protection Association, 1 Batterymarch Park, Quincy, MA 02169-7471.
- NFPA 72 National Fire Alarm and Signaling Code, 2016. ISBN:
   978-1455911646. National Fire Protection Association, 1
   Batterymarch Park, Quincy, MA 02169-7471. www.nfpa.org
- OSHA 29 CFR 1926. Mancomm, 315 West 4th Street, Davenport, IA 52801-1204. Available at http://bookstore.gpo.gov.
- The National Electrical Code, 2020. ISBN: 978-1-45592-290-1.
   National Fire Protection Association, 1 Batterymarch Park, Quincy, MA 02169-7471. Available at NFPA.org

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• <u>Ugly's Electrical References</u>, 2017. ISBN: 978-1-284-11936-7. Jones and Bartlett Publishers, 40 Tall Pine Dr., Sudbury, ME 01776. Available at www.uglys.net.

#### \*Experimental Questions

Each of the examinations contains a total of 10 nonscored "experimental" questions will be administered as part of each examination. These questions will not be counted towards your overall score on the examination. The administration of experimental questions is an essential step in developing future licensing examinations.

#### Purchasing Reference Materials & Study Guides

The exams described above are based upon the study references for each exam. We have listed the reference book's ISBN and a website at which candidates can purchase the reference book. Most reference books can also be purchased by phone or online through the following companies. Shipping charges will apply. Brick and mortar locations are indicated, but candidates should call to verify that orders are ready for pickup.

#### **Examination Preparation Course Providers and Book Suppliers.**

You will be provided with a list of reference books when you apply for your test. You can also go to our website for this information. Many of the books for your examination are available from Prov using the information.**Prov Bookstore** following 10234 South 2460 East Sandy, Utah 84092 https://www.provexam.com/shop/

Toll Free: 801-733-4455

#### **Inside Alabama**

Alabama Power Company (Books & Prep Course)

**HVAC Training Center** 2388 County Road 93 Verbena, Alabama 36091 800-634-0154 www.alabamapower.com/hvac

**NARS Training Systems (Books & Prep Course)** 

Post Office Box 804 Huntsville, Alabama 800-722-3072

256-536-7804

#### **Outside Alabama**

@ Home Prep, Inc.

900 East Hill Ave., Suite 380 Knoxville, TN 37915 800-952-0910 www.contractor-licensing.com

AAA Construction School, Inc.

34 Arlington Road South Jacksonville, FL 32216 800-741-7277 or 904-722-9994 www.aaaconstructionschool.com

• American Contractors (Books & Prep Course)

5000 Linbar Drive, Suite 250 Nashville, Tennessee 37211 800-955-7277 www.examprep.org

**Builder's Book Depot** 

1001 East Jefferson Rd., Ste. 5 Phoenix, AZ 85034 800-284-3434 or 602-252-4050 www.buildersbookdepot.com

Florida Licenses and Corporation, Inc.

1150 NW 72<sup>nd</sup> Ave., #720 Miami, FL 33126 305-446-3442 www.floridalicensesandcorporations.com

**International Code Council** 

900 Montclair Rd. Birmingham, AL 35213 800-786-4452 www.iccsafe.org

**North American Contractors Association** 

336-540-0149 www.infonaca.com

If candidates need assistance in ordering any study materials, they may contact Prov by phone at 801-733-4455.

#### TEST DAY RULES AND PROCEDURES

#### Check-in Deadline

The doors to each testing center will open at least 15 minutes before all scheduled testing appointments in order to check candidates into the testing center. You should plan to arrive early to make sure you are seated by the time the testing begins. If you arrive late, AND the testing session has already begun, YOU WILL BE TURNED AWAY, will forfeit your exam fees, and will be required to reschedule for a future testing date.

#### **Proof of Identity**

Upon arriving at the testing center, you will be required to show government-issued, photo-bearing identification. The photo-bearing ID must be current and valid. Forms of valid photo-bearing ID are a driver's license, passport, or military ID.

You will also be required to sign a test center log and will be photographed by the test center staff. If you cannot produce a valid government-issued photo ID, refuse to participate in signing the test center log, or refuse to be photographed, you will be dismissed from the testing center and forfeit all testing fees for that testing session.

If you do not have a photo ID, you may still present a valid State driver's license without a photo, a State ID card without a photo that is issued by the DMV, or a birth certificate.

#### **Prohibited Items**

No cameras, recorders, cell phones or other communication devices are allowed in the testing room. Talking and smoking are not allowed in the testing room.

#### Approved Items

You may bring the following approved items into the testing center:

- Pencils.
- Calculator. Only simple 4-function calculators are permitted. PDAs, tablets, cell phones or other special calculators are NOT permitted.
- Approved References. (See information below).

#### **Reference Material Rules**

All examinations are designed to allow you to use **authorized** references while taking their exams. For a list of what reference materials are authorized for the

exams, please refer to the exam description for the candidate's exam. All reference materials will be checked by the Prov test administrator prior to the candidates being permitted access to the testing room. You should prepare your reference materials using ONLY the following methods.

- Highlighting
- Attaching permanent tabs

Reference materials which do not meet the following guidelines will not be allowed in the testing room. These guidelines are in place to ensure that every candidate is tested fairly and that no candidate has access to unapproved resources.

- Handwritten notes in <u>pencil</u> NOT allowed in any portion of a reference book and will need to be erased prior to using the materials unless authorized by your licensing jurisdiction.
- Moveable tabs are NEVER permitted in a reference book.
- A reference book CANNOT contain Post-it notes.
- Photocopied documents CANNOT be added to a reference book.
- Photocopied versions of a reference book are NEVER permitted.
- Test preparation study guides are NOT approved references and are NOT permitted in the testing center; this includes practice examinations.

We ask that you leave all unauthorized materials in your car or vehicle. If you are caught using unauthorized materials during testing, these materials will be confiscated, your testing will be terminated with fees forfeited, and the Department will be notified of your dismissal from the exam. During the testing process you MAY NOT:

- Share reference materials during testing.
- Highlight, underline, mark or write any kind of information in their reference materials during testing.

#### **Visitor Policy**

No one other than the candidate will be allowed in the testing room. Non-testing visitors are NOT permitted to wait in the lobby while candidates test.

#### **Unethical Conduct Policy**

Any individual caught giving or receiving assistance during or after the examination or caught using unauthorized materials during the examination will be reported directly to the Department. Those caught in the act of cheating will be dismissed from the examination and their testing results will be frozen. Furthermore, the candidate will forfeit the examination fees paid. Finally, anyone caught with test questions in their possession, either during or following the examination will be prosecuted by Prov for theft of copyrighted testing materials.

#### RESULTS REPORTING

Because the examination process is a requirement for licensure with the State of Alabama, candidates automatically consent to permit Prov to share their test results with the State. Upon completion of an examination, a candidate's test will be scored and sent to the Alabama Electrical Contractors Board.

Prov's scoring system will grade your exam immediately upon completion of your test and will automatically forward the results to the state board. **The Board will mail you your score**. You must achieve a 75% score in order to pass the exams.

#### RETESTING POLICY

Candidates who fail the exam or who fail to take the exam by the end of their 90 day eligibility must submit to the Alabama Electrical Contractors Board a retake form along with an additional examination fee. Please visit the Alabama Electrical Contractors Board website for more details and a copy of the form.

Candidates cannot retake an exam once they have passed that exam unless required by the State of Alabama.

#### EXAM CHALLENGE PROCESS

If during an exam, a test candidate encounters a question they think is inaccurate or otherwise incorrect, they are encouraged to submit an Exam Comment detailing why you feel the question is in error. Candidates testing on computer may make their comments in the testing system. Candidates who are reviewing an exam will automatically be provided with an Exam Comment form.

Prov staff will submit this information to NASCLA (author of the examinations) for their review. Each

comment will be reviewed and considered as part of the test development process. However, no feedback will be provided regarding the merits of each comment.

#### PROV'S NON-DISCRIMINATION STATEMENT

Prov provides equal access to its exams and testing programs for all eligible persons. Although individual jurisdictions that Prov represents are wholly responsible for determining eligibility of candidates, it is the policy of Prov to maintain an environment free of discrimination and to prohibit discrimination and harassment against any person on the basis of race, color, national origin, gender, religion, age, disability, political beliefs, sexual orientation, and veteran, marital or family status.

Harassment of Prov program participants, proctors, staff or candidates will not be tolerated. If candidates wish to express concerns about discrimination, they should contact Prov at 801-733-4455 or write to: Prov, Inc., 150 W Civic Center Drive, Suite 601, Sandy, UT 84070.

#### SPECIAL ACCOMMODATIONS

Prov complies with the Americans with Disabilities Act (ADA) in providing special accommodations for candidates that require additional assistance during the testing process.

If candidates feel that they qualify for a special accommodation during testing, they should contact Prov at (801) 733-4455. Prov will require written documentation from a licensed physician or psychologist documenting the disability and further require a request describing the requested remedy. Prov will then work directly with the candidates to make the accommodations they will need in order to complete their examination.

#### SAMPLE TEST QUESTIONS

The following are sample questions that reflect the format and style of the questions found on exams.

- The bonding conductor used to connect the bonding grid on a swimming pool shall NOT be smaller than a solid #
  - a. 10 AWG.
  - b. 8 AWG.

- c. 6 AWG.
- d. 4 AWG.
- 2. What does the alpha character I represent when stating the equation P = E x I?
  - a. Intrinsic circuit
  - b. Intrinsic electromotive force
  - c. Intensity of current
  - d. Isotopic character
- 3. If 15 amp circuits were used, the NEC would require a 2000 square foot house to have a MINIMUM of how many branch circuits?
  - a. 2
  - b. 3
  - c. 4
  - d. 5
- Equipment that is electrically connected to a telecommunications network is required to be listed in accordance with section \_\_\_\_\_ of the NEC.
  - a. 110.16
  - b. 240.6
  - c. 800.18
  - d. Chapter 9, Table 5(A)
- A required emergency standby generator that utilizes an internal combustion engine as the "prime mover" is required to have sufficient fuel supply on premises to operate for a period of NOT less than \_\_\_\_ hours at full demand operation of the system.
  - a. 24
  - b. 12
  - c. 8
  - d. 2
- 6. Which section of the NEC determines the installation of service equipment on manufactured buildings?
  - a. 230.60
  - b. 230.70
  - c. 240.6
  - d. 250.66
- 7. The MAXIMUM ampacity of an individual branch circuit using type FCC cable is
  - a. 15 amps.
  - b. 20 amps.
  - c. 30 amps.

- d. 50 amps.
- 8. The MINIMUM service demand for 10-8 kW ranges in an apartment complex would be
  - a. 80 kW.
  - b. 27.2 kW.
  - c. 25 kW.
  - d. 16 kW.

#### Answers to Sample Questions

- 1. **B** 8 AWG.
- 2. C Intensity of current
- 3. **C**-4
- 4. **C** 800.18
- 5. **D** 2.
- 6. **B** 230.70.
- 7. **C** 30 amps
- 8. C 25 kW

#### TESTING SITE AVAILABILITY

You may take your examination at anyone of Prov's testing facilities nationwide.

#### **Fixed Testing Locations**

The sites shown below are fixed locations where you make take your **theory** exam. The asterisk (\*) on the chart shows which days of the week the exams are available for scheduling. Note that sites may change as needed. Please refer to the current online scheduling system to find available testing times for each location.

| Monday | Tuesday | Wednesday           | Thursday                            | Friday                                | Saturday                              |
|--------|---------|---------------------|-------------------------------------|---------------------------------------|---------------------------------------|
| *      | *       | *                   | *                                   | *                                     |                                       |
| *      | *       | *                   | *                                   | *                                     |                                       |
|        |         |                     |                                     | *                                     |                                       |
|        | *       |                     | *                                   |                                       |                                       |
| *      | *       | *                   | *                                   | *                                     |                                       |
| *      | *       | *                   | *                                   |                                       |                                       |
| *      |         | *                   |                                     |                                       |                                       |
| *      | *       | *                   | *                                   |                                       |                                       |
|        | * * * * | * * * * * * * * * * | * * * *  * * *  * * *  * * *  * * * | * * * * * * * * * * * * * * * * * * * | * * * * * * * * * * * * * * * * * * * |

| Mobile - USA        |   |   | * |   |   |   |
|---------------------|---|---|---|---|---|---|
| Montgomery - ASU    |   | * |   | * |   |   |
| Montgomery - AUM    | * | * | * | * | * |   |
| Sheffield- NAE JATC |   |   |   | * |   |   |
| Tuscaloosa - UA     | * | * | * | * | * | * |

#### TEST SITE LOCATIONS

Prov has established thirteen (13) testing centers within Alabama where candidates can take their examinations. These testing centers are located in Athens, Auburn, Birmingham(2), Enterprise, Huntsville(2), Jacksonville, Mobile, Montgomery(2), Sheffield and Tuscaloosa. Please refer to the individual list for each site for its testing availability and directions.

#### 1. Athens State University

Chasteen Hall 300 North Beaty Street Athens, AL 35611

Directions: If you are headed EAST on Hwy 72, turn right onto Hwy 31 N after crossing the Hwy 31 overpass. Travel on N Hwy 31 for 1.1 miles. Turn left onto Hobbs Street. Travel west on Hobbs Street for .9 miles. The University Testing Center is on the Southwest corner of the Clinton and Hobbs St. intersection.

If you are headed WEST on Hwy 72, bear right at the intersection of US 72 and Clinton. The University Testing Center is on the Southwest corner of the Clinton and Hobbs St. intersection.

#### 2. Auburn University

Biggio Center Testing Services 112 S. College Street Auburn, AL 36849

Directions: For a campus map please feel free to visit: https://cws.auburn.edu/map.

Parking is limited on campus. To park on the Auburn University campus as a visitor, you must pick up a guest pass from Parking Services. The Parking Services is located at the corner of Lem Morrison and Duncan Drive, in the South Quad Multi-Modal Parking Deck. A shuttle is available to take you from the parking garage to Foy Hall.

3. Jefferson State Community College – Jefferson Campus

Lurleen Wallace Hall - Room 322

2601 Carson Road Birmingham, AL 35215

Directions: For a campus map please feel free to visit: http://www.jeffstateonline.com/locations/jefferson/.

# 4. Jefferson State Community College – Shelby-Hoover Campus

4600 Valleydale Rd General Studies Building, Room 110 Birmingham, AL 35242

Directions: For a campus map please feel free to visit: http://www.jeffstateonline.com/locations/shelby/.

5. Enterprise State Community College 600 Plaza Drive Enterprise, AL 36331

Directions: Turn left when you arrive on campus and then turn right into parking lot. The library is on the right.

#### 6. Calhoun Community College

Huntsville Campus- Academic Testing Center 102 B Wynn Drive, Building 1, Room 122 Huntsville, AL 35805

Directions: For a campus map please feel free to visit: http://www.calhoun.edu/about-calhoun/campus-maps/directions-to-the-huntsville-campus

7. University of Alabama in Huntsville 301 Sparkman Drive Wilson Hall, Room 202 Huntsville, AL 35899

Directions: For a campus map please feel free to visit: http://www.uah.edu/map.

#### 8. Jacksonville State University

700 Pelham Road North 434 Trustee Circle Jacksonville, AL 36265-1602

Directions: For a campus map please feel free to visit: https://www.jsu.edu/campusmap/ or https://www.jsu.edu/library/information/directions.html

#### 9. University of South Alabama

307 University Boulevard N Alpha Hall East - Room 326 Mobile, AL 36688 Directions: For a campus map please feel free to visit: http://www.southalabama.edu/maps/campusmap.pd f. Testing center is number 2 on the map.

# Alabama State University - Testing Center 915 S. Jackson Street Edward Glenn McGeHee Building McGeHee Hall 105 Montgomery, AL 36104

Directions: For a campus map please feel free to visit: http://www.alasu.edu/about-asu/visiting-asu/index.aspx.

Parking is located Behind the Levi Watkins Learning Center Lot J or Lot-E. ASU has several designated spaces for visitor parking, but they require visitor a visitor parking pass. All candidates must stop by the testing office and obtain a visitor's parking pass. Parking pass must be visible through the windshield. Park in one of the visitor's parking spaces, as indicted by campus signage.

#### 11. Auburn University Montgomery

Warner Robbins Taylor Center Center for Disability Services 7400 East Drive, Room 147 Montgomery. AL 36117-3596

Directions: For a campus map please feel free to visit: http://www.aum.edu/docs/default-source/University-Relations-Docs/aum\_directions.pdf?sfvrsn=0 or http://www.aum.edu/sites/default/files/AUM\_CAMPUS\_MAP\_2017.pdf

#### 12. North Alabama Electrical JATC

1805 E. 17th Street Sheffield, AL 35660

Directions: From I-65 N, Take exit 351 toward Athens, Turn left at AL-2 W/US-72 W/Lee Hwy, Turn right to stay on AL-2 W/US-72 W/Lee Hwy, Continue to follow AL-2 W/US-72 W, Turn left at AL-13 S/AL-2 W/US-43 S/US-72 W/S Court St, Continue to follow AL-13 S/AL-2 W/US-43 S/US-72 W, Turn right at E 17th St.

Shelton State Community College
 Testing and Assessment Center, Room 1826
 9500 Old Greensboro Road, #188
 Tuscaloosa, AL 35405

DIRECTIONS: For a campus map please feel free to visit: www.tour.ua.edu. The testing center is located in Houser Hall, Suite 2000. Houser Hall is located on the east side of the Ferguson Center.

#### **TEST SITE INSTRUCTIONS**

Written test site instructions are attached to this document that outline testing rules and computer testing navigation information that is very important. Please thoroughly review prior to your scheduled test date.

### **Prov** Candidate Instructions Handout

Please take a moment to read the following information (front and back). If you have any questions then please let your proctor know. Failure to follow these testing rules can have serious consequences.

Be advised, the testing center and testing room may be under video surveillance.

#### **Testing Rules**

- Be courteous and do not disturb others.
- After you are seated, follow all the instructions given and verify the information presented to you. This information will include your name, candidate ID, exam name, and occasionally additional testing Materials such as graphics.
- If you leave the testing room during the test, you must notify your proctor and turn in all your testing materials.
- If you take a restroom break the test time will continue to countdown and the lost time cannot be recovered.
- If your computer freezes, shuts down, or will not move to the next question notify your proctor immediately and they will be able to restart your exam without loss of available testing time.
- At the end of your test, remain seated, raise your hand and wait for the proctor to start the check-out process with you. Once all testing materials have been accounted for by your proctor, you may collect your belongings and leave the testing center.
- If permitted by your jurisdiction, you will receive your testing results today; otherwise, you'll be notified of your testing results by either Prov or your licensing jurisdiction.



#### **Reference Rules for Open Book Exams**

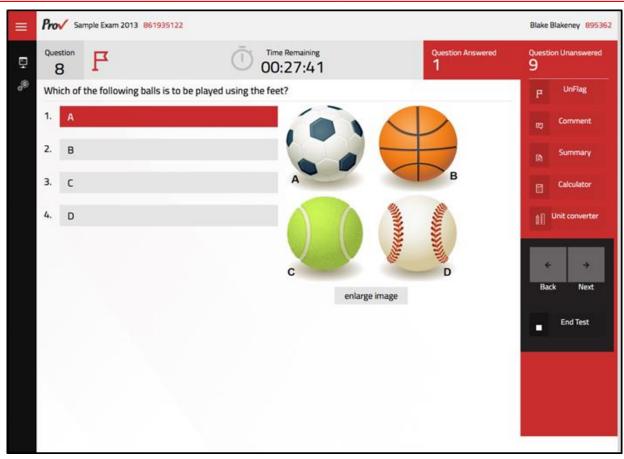
- Book title must be exact. Exceptions: Older/new editions are always permitted. Substitutes are allowed if listed in the Exam Details.
- Photocopied versions of a reference book are ONLY permitted when stated in the Exam Details.
- Permanent tabs such as gummed tabs, self-adhesive tabs with printable inserts, or insertable tab dividers (for three ring binders only) are permitted.
- Moveable items such as repositionable tabs or Postit notes are NOT permitted in a reference book.
- Books can have highlighting and underlining in pen only, however you cannot mark in your books during the test.
- Handwritten notes are NOT allowed in any portion of a reference book unless authorized by your licensing or certifying jurisdiction.
- Other documents (such as formula sheets or the Tom Henry and Kelly Indexes) or stickers (such as Ohm's Law) CANNOT be added, glued or taped to a reference book.

#### **Unethical behavior**

Individuals caught giving or receiving assistance during or after the examination, or caught using unauthorized materials during the examination will be reported to the Board. Those caught in the act of cheating will be dismissed from the examination and their testing results will be frozen. Furthermore, the candidate will forfeit the examination fees paid. Finally, anyone caught with test questions in their possession, either during or following the examination will be prosecuted by Prov for theft of copyrighted testing materials.

In the next few days, Prov will email you a link to our candidate experience survey, please let us know how we did!

## **Computer Testing Navigation**



| Total number of questions      | Indicated in the upper right-hand corner of the screen.   |
|--------------------------------|---|
| Available time                 | Posted in hours and minutes. The test will end automatically when <b>Time Remaining</b> reaches 0:00.   |
| Selecting your answer          | Use your mouse to select a number (1, 2, 3, or 4). The answer is highlighted (or checked) when selected. You may change your selected answer for any question until the test is over. If you do not know the answer to a question, it is to your advantage to guess, since there is no penalty for a wrong answer.  |
| Tracking difficult questions   | Press the <b>Flag</b> Button to help you keep track of questions you wish to return to at a later time. Flagging questions has no impact in scoring. Press the button again to Unflag the question. You may see which questions have been flagged by clicking <b>Summary</b> .  |
| Question comments              | During the assessment, you may find that you have a question or concern about a particular test question. The proctor cannot answer questions about test content at any time; however, you can send a comment to Prov's Test Development Department by clicking the <b>Comment</b> button. Please leave a specific description. Staff will process your comments/questions within two weeks. You can refer to your candidate information bulletin for more information on how comments are processed. |
| Moving to a different question | Use your mouse to select the <b>Next</b> or <b>Back</b> buttons. Press Next to move forward. Press Back to move backward. You may also use your arrow keys ( $\leftarrow$ $\rightarrow$ ) to move forward and backward through the test.  |
| Reviewing your progress        | Press the <b>Summary</b> button to see a table indicating which questions are unanswered or which you have flagged.   |
| Ending the test early          | Press <b>End Test</b> button when you are ready to leave the test. It is recommended that you review your exam and verify there are no unanswered questions prior to ending the test.   |