



NOT FOR SALE

PROFESSIONAL REGULATORY BOARD OF ELECTRICAL ENGINEERING

**PROGRAM OF THE APRIL 2024 REGISTERED ELECTRICAL ENGINEERS LICENSURE
EXAMINATION AND REGISTERED MASTER ELECTRICIANS LICENSURE EXAMINATION TO BE
HELD IN THE CITIES OF MANILA, BAGUIO, CAGAYAN DE ORO, CEBU, DAVAO, ILOILO,
KORONADAL, LEGASPI, TACLOBAN, ROSALES, TUGUEGARAO, PAGADIAN, PAMPANGA,
PALAWAN, ZAMBOANGA, CALAPAN, BUTUAN AND LUCENA.**

I - REGISTERED ELECTRICAL ENGINEER (REE)

DATE AND TIME	S U B J E C T S	WEIGHT
<u>WEDNESDAY, APRIL 24, 2024</u>		
7:00 A.M. - 7:45 A.M.	GENERAL INSTRUCTIONS AND FILLING OUT OF FORMS	
8:00 A.M. - 1:00 P.M.	MATHEMATICS such as: Algebra, Trigonometry, Analytic Geometry, Differential Calculus, Integral Calculus, Complex Numbers and Space Vectors, Probability and Statistics, Matrices and Determinants, Sequences and Series, Other Engineering Mathematics such as Differential Equations, Fourier Series, Laplace Transforms, and others.	25%
2:00 P.M. - 6:00 P.M.	ENGINEERING SCIENCES AND ALLIED SUBJECTS such as: General Chemistry, College Physics, Engineering Materials, Engineering Mechanics, Thermodynamics, Fluid Mechanics, Engineering Economics and Management, Electrical Engineering Law and Code of Ethics, Contracts and Specifications, Computer Fundamentals and Programming, Philippine Electrical Code, Parts 1 and 2 and others.	30%
<u>THURSDAY, APRIL 25, 2024</u>		
8:00 A.M. - 2:00 P.M.	ELECTRICAL ENGINEERING PROFESSIONAL SUBJECTS such as: Quantities/units/constants, Electrical Materials, Passive Circuit Elements, Active Circuits Elements, AC Impedance, Instruments and Measurements, DC Electric Circuits, Transient Response, Magnetic Circuits, AC Electric Circuits, AC Generators, DC Generators, Energy Sources, Energy Conversion, Prime Movers, Rotating Electric Machinery, Power System Components, AC Transmission, DC Transmission, Power System Interconnection, Substation Design, Power Distribution, Wiring Design for Buildings, Power Electronics, Industrial Electronics, Illumination, Telecommunications, Computer Application in Electrical Power Industry and others.	45%

II - REGISTERED MASTER ELECTRICIAN (RME)

FRIDAY, APRIL 26, 2024

7:00 A.M. - 7:45 A.M.	GENERAL INSTRUCTIONS AND FILLING OUT OF FORMS	
8:00 A.M. - 12:00 Noon	TECHNICAL SUBJECTS such as: Basic Electricity, RA 7920, Tools, Test Equipment, Electrical Measurements, Lighting, Wirings and Materials, Fuses, Breakers, Switches, Motors, Starters, Generators, Transformers, Operation, Working Principles, Maintenance, Transmission and Distribution Lines, Substation, Ohm's Law and others.	50%
1:00 P.M. - 5:00 P.M.	PHILIPPINE ELECTRICAL CODE, PARTS 1 and 2 including: General Installation Requirements, Wiring Methods and Materials, Wiring Devices, Tools and Techniques, Wiring Ampacity and Protection, Equipment for General Use, Special Occupancies, Special Equipment, Special Conditions, Lighting and Wiring, Motor and Generator Wiring Connections, Communications and Signaling Wiring, Electrical Safety and others.	50%

GENERAL INSTRUCTIONS:

1. Check or verify your school/building assignments at the PRC official website (www.prc.gov.ph) or through the Notices/Announcements to be posted at the PRC premises two (2) to three (3) working days before the date of examination.
2. Report to the school/building assignment before 5:30 a.m. on the first day of the examination to verify your room and seat number. Be punctual. Late examinees will not be admitted.
3. Examinees are required to wear the following attire every examination day:
 1. Male Examinees - White polo shirt with collar (without any seal, logo or mark)
Decent pants or slacks
 2. Female Examinees - White blouse or shirt with collar (without any seal, logo or mark)
Decent skirt or slacks
4. Bring the following on examination day:
 - a. Notice of Admission
 - b. Official Receipt
 - c. One (1) piece metered-stamped window mailing envelope
 - d. Two (2) or more pencils (No. 2)
 - e. Ballpens with **BLACK** ink only
 - f. One (1) piece long brown envelope
 - g. One (1) piece long transparent/plastic envelope (for keeping your valuables and other allowed items)
 - h.. Negative RT-PCR Test Results, if applicable, or Certificate of Quarantine or Certificate or copy of the Complete Vaccination Card for fully vaccinated examinees to the proctor on the examination day.
5. The following items are strictly **PROHIBITED** inside the examination premises/rooms.
 - a. Books, notes, review materials, and other printed materials containing coded data/information/formula.
 - b. **Calculators which are programmable or with embedded functions especially CASIO FX991ES and CASIO FX-991ES plus**
 - c. **APPLE, SAMSUNG AND OTHER SMART WATCHES, CELLULAR PHONES, EAR PLUGS, TRANSMITTERS, PORTABLE COMPUTERS, BLUETOOTH AND OTHER ELECTRONIC GADGETS/DEVICES WHICH MAY BE USED TO STORE OR**

RETRIEVE DATA/INFORMATION AND/OR TO COMMUNICATE FOR WHATEVER PURPOSES

- d. Bags of any kind (ladies bag, shoulder bags, attaché case, backpacks, etc.)
- e. Other examination aids not stated on this program.

All personal belongings of the examinees shall be surrendered to the proctor and shall be placed in a secured space within the examination room.

The rules on the conduct of bodily search, inspection of personal belongings of the examinees, and the seizure/confiscation of prohibited items during the licensure exam (Annex A of PRC Memorandum Order No. 57, s. 2020) shall be strictly observed.

6. Joint Administrative Order No. 01 (s. 2022)¹, the following precautionary measures and protocols shall be observed and implemented during the conduct of licensure examination such as, but not limited to:
 - 6.1. All examinees and examination personnel shall enforce the following precautionary measures among themselves:
 - 6.1.1. Limit their travel to a semi-bubble set up of home-testing venue-home
 - 6.1.2. Observe physical distancing of at least one (1) meter between and among examinees.
 - 6.1.3. Restrict examinees to their assigned seat;
 - 6.1.4. Wear a well-fitted face mask at all times;
 - 6.1.5. Bring 70% ethyl alcohol for hand disinfection;
 - 6.1.6. Avoid close contacts (e.g., “beso-beso”, hugging, handshakes), and similar activities which directly involve touching of other persons;
 - 6.1.7. Avoid touching one’s eyes, nose, and mouth;
 - 6.1.8. Observe cough and respiratory etiquette at all times; and
 - 6.1.9. Avoid spitting in public, on floors, and corridors.
 - 6.2. Examinees and examination personnel shall bring their own meals (pre-packed meal/snack and drink) to be eaten during breaks, on their assigned seats. Face masks and face shields (if applicable) will only be removed when taking meals or drinks.
 - 6.3. Examinees shall bring their own pens, pencils, and erasers. Borrowing from a seatmate is strictly not allowed.
 - 6.4. Loitering and unnecessary conversing in the hallways or in the examination room are strictly not allowed.
 - 6.5. Physical distancing shall be strictly observed in the queuing of the examinees entering the testing venues;
 - 6.6. Examinees shall proceed immediately to their designated examination rooms after the screening.
 - 6.7. During the examination proper, the following shall be strictly observed:
 - a. Room watchers/proctors and examinees shall be advised to observe and maintain the Minimum Public Health Standards (MPHS), at all times, within the examination rooms, particularly when examinees submit their answer sheets and test booklets/questionnaires. Only one examinee at a time shall be accommodated;
 - b. Any examinee who needs to use the restroom shall be accompanied by a room watcher/proctor, while always observing and maintaining MPHS. Only one examinee at a time shall be allowed to go to the restroom. Proper hand hygiene shall be observed particularly every after use of the restrooms; and
 - c. Protective facemasks and handkerchiefs/tissue shall be inspected by room watchers/proctors before the start of every subject and, if necessary, during the conduct of examination to ensure that they are not used to conceal codigos. In compliance with the MPHS, the inspection shall be done one at a time, while the rest of the examinees are seated.
7. In addition to the above, the examinees are required to submit a copy of the proof of full vaccination (1 or 2 doses depending on the vaccine received plus booster or based on the latest

¹ PRC, DOH, DILG, and PNP JAO, entitled “Revised Guidelines on the Observance of Protocols for Minimum Public Health Standards and Institutionalization of Health Settings in the Conduct of Licensure Examinations during State of Public Health Emergencies”

definition of “Fully Vaccinated”), RT-PCR test for those who are not fully vaccinated, or Certificate of Completion of Isolation, as the case may be, to the proctor on examination day.

If the examinee recently contracted COVID-19, a Certificate of Completion of Isolation or its equivalent signed by any of the following must be submitted:

1. Duly licensed Physician (government or private physician);
2. Municipal Health Officer, Provincial Health Officer or City Health Officer;
3. Designated Barangay Health Emergency Response Team (BHERTs) Officer or Barangay Health Worker visiting the residence of the examinee or examination personnel.

Examinees coming from other countries are required to quarantine following the latest quarantine and isolation protocols and guidelines, in and around the time of examination.

8. For detailed information, please refer to JAO 01 (s 2022) (copy attached)
9. Read carefully and follow the instructions on your **NOTICE OF ADMISSION** and **EXAMINEES GUIDE**.

NOTE: PERSONAL BELONGINGS BROUGHT BY AN EXAMINEE SHALL BE FOR HIS/HER OWN ACCOUNT. THE PRC WILL NOT BE ANSWERABLE FOR ANY SUCH ITEM OR PERSONAL BELONGING THAT MIGHT BE LOST DURING THE EXAM WITHOUT FAULT OR NEGLIGENCE ON ITS PART.

Manila, Philippines
January 24, 2024

APPROVED:

FRANCIS V. MAPILE
Chairman

CERTIFIED CORRECT:

ATTY. LOVELIKA T. BAUTISTA
Chief, PRB Secretariat Division

PRB-OEE/D-SPRB
FVM/LTB/MADC/dette