



Republic of the Philippines
Professional Regulation Commission
Manila

NOT FOR SALE

PROFESSIONAL REGULATORY BOARD OF ELECTRICAL ENGINEERING

PROGRAM OF THE APRIL 2023 REGISTERED ELECTRICAL ENGINEERS LICENSURE EXAMINATION AND REGISTERED MASTER ELECTRICIANS LICENSURE EXAMINATION TO BE HELD IN THE RIYADH, AL-KHOBAR, JEDDAH, QATAR, ABU DHABI, DUBAI, KUWAIT, SINGAPORE AND KINGDOM OF BAHRAIN

I - REGISTERED ELECTRICAL ENGINEER (REE)

DATE AND TIME	S U B J E C T S	WEIGHT
<u>SATURDAY, APRIL 22, 2023</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>SUNDAY, APRIL 23, 2023</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)

MONDAY, APRIL 24, 2023

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. The **NOTICE OF ADMISSION** will be issued at the POLO/testing centers.
2. Please bring original documents with you for final evaluation and four (4) pieces passport size pictures with name tag.
3. Bring the following on examination day:
 - a. Two (2) or more pencils (No. 1 or 2)
 - b. Ballpens with **BLACK ink only**
 - c. One piece long brown envelope
 - d. One piece long transparent/plastic envelope
 - e. **Calculators with the following features only-addition, subtraction, multifaction, division, trigonometric function, logarithm and X^y.**
4. The following are **STRICTLY PROHIBITED** inside the examination premises/rooms:
 - a. Books, notes, review materials, and other 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 RETRIEVE DATA/INFORMATION AND/OR TO COMMUNICATE FOR WHATEVER PURPOSES**
 - d. Bags of any kind (ladies bags, shoulder bags, attaché case, backpacks, etc.)
 - e. Other examination aids not stated in 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.

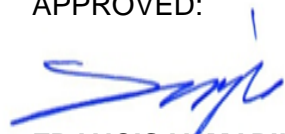
The rules on the conduct of bodily search, inspection of personal belongings of the examinees, and the seizure/confiscation of prohibited items during the licensure exam (Annex A of PRC Memorandum Order No. 57, s. 2020) shall be strictly observed.

5. Read carefully and follow the instructions on your **NOTICE OF ADMISSION** and **EXAMINEES GUIDE**.
6. Examinees shall follow the health and safety protocols being implemented by the host country.

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.

February 23, 2023
Manila, Philippines

APPROVED:



FRANCIS V. MAPILE
Chairman

CERTIFIED CORRECT:



Atty. Lovelika T. Bautista
Chief, PRB Secretariat Division

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

