



- NOT FOR SALE -

PROFESSIONAL REGULATORY BOARD OF CIVIL ENGINEERING

(SEPARATE) SPECIAL PROFESSIONAL LICENSURE EXAMINATION PROGRAM FOR THE CIVIL ENGINEERS LICENSURE EXAMINATIONS ON JUNE 16 AND 17, 2024 IN SINGAPORE

DATE AND TIME	SUBJECTS	RELATIVE WEIGHT
<u>SUNDAY, JUNE 16, 2024</u>		
12:00 P.M. – 12:45 P.M.	GENERAL INSTRUCTIONS FILLING OUT OF FORMS	
1:00 P.M. – 6:00 P.M.	<u>APPLIED MATHEMATICS, SURVEYING, PRINCIPLES OF TRANSPORTATION AND HIGHWAY ENGINEERING, CONSTRUCTION MANAGEMENT AND METHODS</u> Calculus; Differential Equations; Engineering Data Analysis; Numerical Methods; Physics for Engineers; Economics; Construction Surveying and Layout; Materials for Construction; Highway Engineering; Construction Occupational Safety and Health; Transportation Engineering; Quantity Surveying; Construction Management Principles and Methods	35%
7:00 P.M. – 11:00 P.M.	<u>HYDRAULICS AND PRINCIPLES OF GEOTECHNICAL ENGINEERING</u> Fluid Properties; Hydrostatics; Fluid Flow; Buoyancy and Flotation; Relative Equilibrium of Liquids; Hydrodynamics; Water Supply; Soil Properties; Soils Classification; Fluid Flow through Soil Mass; Stresses in Soil Mass; Soil Strength and Tests; Bearing Capacity; Compaction; Consolidation and Settlement; Lateral Earth Pressures; Slope Stability	30%
<u>MONDAY, JUNE 17, 2024</u>		
1:00 P.M. – 6:00 P.M.	<u>PRINCIPLES OF STRUCTURAL ANALYSIS AND DESIGN</u> Engineering Mechanics; Strength of Materials; Theory of Structures; Reinforced Concrete Beams and Columns; Prestressed Concrete Beams; Steel Beams, Columns and Connections, Footings, Construction Materials Testing; Application of the Governing Codes of Practice	35%
TOTAL		<u>100%</u>

GENERAL INSTRUCTIONS:

1. The **NOTICE OF ADMISSION** will be issued at the MWO/Embassy or testing center.
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 the days of the examination:
 - a. Two (2) or more pencils (No. 1 or 2)
 - b. One (1) piece long brown envelope

- c. One (1) piece long transparent/non-colored plastic envelope (for keeping your valuables and other allowed items)
- d. **NON-PROGRAMMABLE CALCULATORS.** (Please refer to Board Resolution No. 05, s. 2024 or “Recommending an Updated List of Non-Programmable Calculators Allowed to be Used in the Civil Engineering Licensure Examination”)

NOTE: ONLY ONE BASIC CALCULATOR SHALL BE ALLOWED INSIDE THE EXAMINATION ROOM. CALCULATORS SHALL BE INSPECTED AND SHALL BE RESET BEFORE THE START OF THE EXAMINATION.

4. The following are **PROHIBITED** inside the examination premises/rooms:

- a. Books, notes, review materials, and other printed materials containing coded data/information/formula
- b. **PROGRAMMABLE CALCULATORS**
- 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 PURPOSE**
- d. Bags of any kind (ladies bag, 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.

Manila, Philippines

May 20, 2024

APPROVED:


PRAXEDES P. BERNARDO
Chairperson

CERTIFIED CORRECT:



ATTY. LOVELIKA T. BAUTISTA
Chief, PRB Secretariat Division

PRB-OCE/O-LO/D-SPRB
PPB/AGR/LTB/MADC/adC