

---

---

## DUNONG CIRCLE

### REVIEW AND CONSULTANCY SERVICES

#### 2021 CERTIFIED INDUSTRIAL ENGINEER (CIE) EXAMINATION ONLINE REVIEW COURSE

Dates: Schedule - Every Saturday/ 9:00am – 4:00pm  
June 6 – November 06, 2021

Review Platform: Zoom

#### What is IE Certification?

- IE Certification is a voluntary process, which validates an individual's qualifications in the field of industrial engineering (IE) professional practice.
- It demonstrates to employers, clients, and peers the individual's knowledge and experience and signifies his or her commitment to continued excellence in IE professional practice.
- It increases visibility, builds credibility, and validates expertise with those outside the profession.

#### Why Get Certified?

- **Mark of a professional**
  - Helps promote a clearer public awareness and understanding of the role of the IEs in society, and to aid in ensuring that fellow IEs perform their services in a manner which recognizes as paramount public health and safety.
  - Employers look to licensure or certification in evaluating the advancement potential of employees.
- **Enhanced status in the eyes of the public**
  - Equates the industrial engineer with other professionals licensed in other fields.
  - Assures that the individual IE has passed at least a minimum screen of competence.
- **Adds credibility and respect**
  - Polishes one's reputation as a qualified industrial engineer.

---

---

#### The Certified Industrial Engineer (CIE):

- The CIE is the designation for associate practice.
- The CIE applies a general breadth of knowledge to analysis and evaluation. He should exhibit the minimum standards of competency for Industrial Engineering practice.
- The scope of practice for the CIE is limited to the use of commonly accepted tools and techniques for the analysis and enhancement of performance in existing systems.

#### The criteria for CIE certification are:

- An Active PIIE member and Filipino citizen
- A bachelor's degree in Industrial Engineering from CHED-recognized school/university with an accredited BSIE program or an internationally accredited program
- A passing score on the CIE Online examination on IE Core Knowledge.

#### CIE Examination Topics:

##### Part 1

- Engineering Fundamentals
- Engineering Sciences
- Engineering Mathematics

##### Part 2

- Ergonomics
- Work Study
- Information System
- Systems Engineering
- Engineering Management
- Engineering Ethics

##### Part 3

- Quality Systems
- Production Planning
- Facilities Planning & Design
- Engineering Economy
- Feasibility Study

##### Part 4

- Probability & Statistics
- Operations Research
- Optimization
- Simulation

Source: [www.iecb.com.ph/](http://www.iecb.com.ph/) [www.piie.org](http://www.piie.org)

---

---

---

---

#### CIE Review Topics & Activities:

- CIE Assessments
- Engineering Mathematics
- Industrial Materials & Processes
- Engineering Ethics
- Mechanics
- Work Study
- Thermodynamics
- Chemical & Environmental Engineering
- Elementary Electrical Engineering
- Probability & Statistics
- Industrial Quality Control
- Engineering Economy
- Operations Research 1 & 2
- Simulation
- Design of Experiments
- Ergonomics
- Production Planning & Control
- Facility Planning & Design
- CIE Mock Examinations
- 11<sup>th</sup> CIE Examination – November 14, 2021

#### Target Enrollees-Examinees:

- Graduates of Bachelor of Science in Industrial Engineering – Fresh IE Graduates to 9 years work/ business experiences.

#### Registration Fee & Reservation:

- Early bird rate of P4,000.00 per enrollee for those who will reserve on or before June 26, 2017
  - Regular rate of P5,000.00 after the early bird period shall be applied.
  - Please accomplish the reservation form and email it to [dunong.circle@gmail.com](mailto:dunong.circle@gmail.com) or [charlieamarquez@gmail.com](mailto:charlieamarquez@gmail.com) at least a week prior to the start of the review.
  - Payments can be made thru GCash or thru bank deposit.
    - GCash #: 0917-892-8154 (Charlie A. Marquez)
    - BDO Checking Account #: 0018-3801-5263
  - Cancellation fee of PhP3,000.00 will be charged for those enrollees who cancel their reservation one week before the start of the review.
- 
-

**IMPORTANT REMINDERS ABOUT THE 11<sup>TH</sup> CIE ONLINE EXAM:**

- 1<sup>st</sup> IECB Certification Exam via ONLINE Platform
- TENTATIVE SCHEDULE: November 14, 2021
- Duration of Exam: 4 hours
- Time of Exam: 8:00 am – 12:00 noon
- CIE Exam Application Fee: P2,800 (Pls note that this is different from our Review Tuition Fee)
- 1 year PIEE Membership Fee P1,000
- You may reserve you slot now at <https://forms.gle/ZBLWr74Fgh9m32dM6>

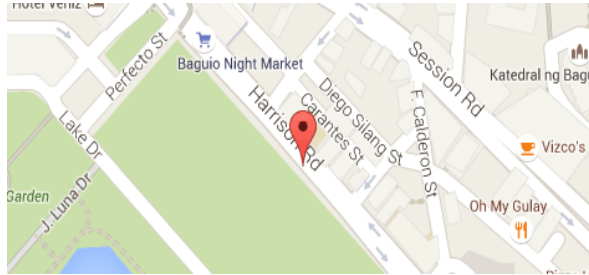
**REQUIRED COMPUTER SET-UP:**

- ✚ Strong and stable connectivity with a minimum of 5 mbps
- ✚ Laptop / Desktop with Windows 10 OS, IOS (Mac) is NOT allowed
- ✚ The Windows environment should:
  - Be free of any prohibited communication app. Tablets, smartphones, are also NOT allowed
  - Have working webcam, headphones, and mic
  - Be well lighted and conducive testing home environment
  - Have preparatory requirements of the candidates before taking the exam

**Contact Details:**

For further information, please contact:

**ENGR. CHARLIE A MARQUEZ, MSIE, PIE**  
Managing Partner & Principal Reviewer  
Dunong Circle Review & Consultancy Services  
19 Cobblestone St., Crystal Cave, Bakakeng Central  
2600 Baguio City  
Cell Phone No. 0917-892-8154  
Email: [charlieamarquez@gmail.com](mailto:charlieamarquez@gmail.com)  
Email: [dunong.crcle@gmail.com](mailto:dunong.crcle@gmail.com)



Core Review from IE Team:

Engr. Charlie A. Marquez, MSIE, PIE  
Asst. Prof. Delfin R. Jacob, MSIE, PIE  
Assoc. Prof. Carlos P. Lugas Jr., PhD, PIE  
Engr. Yoshiki Kurata, MSIE, PIE  
Assist. Prof. Roger Almira, PME  
Prof. Rommel Acosta, PEE

**Reservation Form:**

- YES, I will attend the Certified Industrial Engineer Examination ONLINE Review Course on June 26 – November 2, 2021

Full Name: \_\_\_\_\_

Position/ Profession: \_\_\_\_\_

School/ Company/Organization: \_\_\_\_\_

Address: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Office Telephone No. \_\_\_\_\_

Cell phone No. \_\_\_\_\_

Email Address: \_\_\_\_\_

Signature: \_\_\_\_\_

You may reproduce the form for additional enrollees.



**DUNONG CIRCLE**  
REVIEW AND CONSULTANCY SERVICES



**2021 CERTIFIED INDUSTRIAL ENGINEER (CIE) EXAMINATION ONLINE REVIEW COURSE**

Review Schedule: June 26 – November 6, 2021  
Time: 9:00 am – 4:00 pm  
Review Platform: Zoom