

**HO CHI MINH CITY UNIVERSITY
OF INDUSTRY AND TRADE**
DEPARTMENT/FACULTY/CENTER
**Faculty of Electrical & Electronics
Technology**

SOCIALIST REPUBLIC OF VIETNAM
Independence – Freedom – Happiness

Ho Chi Minh City, August 12, 2024

PLAN

Organization of the Electrical Design and Installation Competition “Semester II – Academic Year 2024–2025”

I. PURPOSE AND REQUIREMENTS

1. Purpose: To create an intellectual and creative playground for students of the Faculty of Electrical & Electronics Technology as well as all students of Ho Chi Minh City University of Industry and Trade. To foster a culture of deep learning and research across the faculty and university.

2. Requirements: Students must improve their technical skills, master specialized knowledge, and develop teamwork skills.

II. IMPLEMENTATION

1. Schedule and Venue:

a. Schedule: from March 3, 2025 to May 18, 2025

- Pre-competition preparation (tentative): Saturday, May 10, 2025 – All teams must attend the equipment and model inspection session before the competition takes place. Any team without a representative present will be considered withdrawn.
- Group Stage (tentative): May 11, 2025.
- Finals and Closing Ceremony / Award Presentation (tentative): May 18, 2025.

b. Venue: Workshop of the Faculty of Electrical & Electronics Technology, Address: 31 Che Lan Vien, Tay Thanh Ward, Tan Phu District.

2. Eligible Participants:

- Participants: All students currently enrolled at Ho Chi Minh City University of Industry and Trade.
- Expected number of participating students: 100.

3. Event Content:

1. Implementation Timeline:

- March 3, 2025 – April 1, 2025: Disseminate information to students in all classes.
- April 2, 2025 – April 15, 2025: Collect team registration lists.
- April 16, 2025: Finalize the list of participating teams.
- May 4, 2025: Knowledge training session for all participating teams.

- May 10, 2025: Teams check computers and installed software, draw lots to determine competition shifts, and the schedule is announced.
- May 11, 2025: Opening ceremony and group stage matches.
- May 18, 2025: Finals, closing ceremony, and award presentation.

2. Team Responsibilities: Each team must independently design and install a specific electrical circuit (the Organizing Committee will provide the electrical design and installation requirements):

- Design the control circuit.
- Design the power circuit.
- Assemble and operate the circuit.
- Calculate and select appropriate equipment and conductors for the electrical panel.
- Assemble and operate the electrical panel according to requirements.

3. Competition Format:

- Teams draw lots randomly to be assigned to competition shifts; each shift is expected to have 25 teams. The Organizing Committee may adjust the number based on actual team registrations.
- Group Stage: The 25 teams in each shift compete directly. Each team is scored individually; teams are ranked from highest to lowest score, and the top 10 teams in each shift advance to the finals.
- Finals: The selected teams from each shift compete directly. Each team is scored and ranked from highest to lowest to determine: Champion (highest score), Runner-up (2nd highest), Third Place (3rd highest), Fourth Place (4th highest), and Consolation Prize (5th highest) – equivalent to positions 1, 2, 3, 4, 5.

4. Prize Structure:

- 01 Champion prize: 2,000,000 VND.
- 01 Runner-up prize: 1,500,000 VND.
- 01 Third-place prize: 1,000,000 VND.
- 02 Consolation prizes: 500,000 VND each.

4. Task Assignment:

a. Steering Committee:

No.	Full Name	Role
1	Le Thanh Toi	Head
2	Tran Van Hai	Deputy Head
3	Pham Thi Xuan Hoa	Member
4	Van Tan Luong	Member

b. Organizing Committee:

No.	Full Name	Role
1	Le Thanh Toi	Head
2	Tran Van Hai	Deputy Head
3	Pham Thi Xuan Hoa	Member
4	Van Tan Luong	Member
5	Chiem Trong Hien	Member
6	Vo Song Ve	Member
7	Le Thanh Hien	Member
8	Dang Hoang Long	Member
9	Doan Xuan Nam	Member
10	Nguyen Thi Thanh Truc	Member
11	Nguyen Thi Bich Hau	Member
12	Bui Quang Huy	Member
13	Vo Thi Le Phuoc	Member

**OFFICE OF STUDENT
AFFAIRS**

DEAN OF FACULTY

**ON BEHALF OF
ORGANIZING COMMITTEE**