

SKILLS EVALUATION SYSTEM

PROMOTION PROGRAM (SESPP)

**REPORT ON THE TRAINING SESSION
IN CAMBODIA**

Experts	Mr. MATSUMOTO Yoshitaka, Polytechnic Center Kansai
period	Monday, July 14th ~ Thursday, July 17th, 2025
Venue	National Polytechnic Institute of Cambodia (NPIC) Phnom Penh City, Kingdom of Cambodia
Training course	Assessment and Marking Method (AMM)
Trade & Grade	Information Network Cabling

August, 2025

Outline of Results

1. Number of Participants

Experts : 7 Completed experts: 7
Competitors: 3 Completed competitors: 1
Observers: 2

2. Schedule

Date & Time	Contents
July 14th (Monday) 8:30 - 16:30 (All local time)	① Opening Ceremony ② Speed test on Optical fiber (Explanation of the module, Preparation work, Practice, Marking method) ③ Smart home/office application (Overview of the module, Development of the module, Material selection)
July 15th (Tuesday) 8:30 - 16:30	① Preparation for Speed test on Optical fiber ② Implementation and marking of Speed test on Optical fiber ③ Development of the module of Smart home/office application
July 16th (Wednesday) 8:30 - 16:30	① Implementation of part of the module of Optical fiber cabling system ② Implementation and marking of part of the module of Optical fiber cabling system ③ Implementation of part of the module of Copper cabling system ④ Implementation and marking of part of the module of Copper cabling system
July 17th (Friday) 8:30 - 11:30	① Implementation of the module of Smart home/office application ② Implementation and marking of the module of Smart home/office application ③ Tidying up and Closing Ceremony

3. Review

This coming August, Cambodia will participate for the first time in the “Information Network Cabling” skill trade at the WorldSkills ASEAN. Since the Cambodian National Skills Competition has not included a few modules of the skill trade, I provided technical guidance on these newly introduced modules to instructors from 3 training institutes and the competitor through this training. Specifically, we introduced the modules of Speed test on Optical fiber and Smart home/office application, instructed on installing dome-type closures in the module of Optical fiber cabling system, and trained participants on installing 110 panels in the module of LAN of M2. Furthermore, we developed the modules tailored to Cambodia's circumstances, supplied materials, provided technical instruction, and established marking methods in order to enable the 2 newly introduced modules mentioned above to be held in future Cambodian national competitions.

4. Questionnaire Results

- ◆ Participants: 10 (Respondents: 10, including a competitor) (* 5-point scale)
- Satisfaction level: 5: Very satisfied = 8 4: Satisfied = 2
- Usefulness level: 5: Very useful = 10

Needs of continuation: 5: Must continue = 6 4: Should continue = 3 3: Neither = 1

Proficiency level: 5: Strongly agree = 6 4: Agree = 4

【Improvements and proposals】

- I would like greater support in supplying materials such as metal and optical cables.
- I would like the training period to be extended. (2)
- I would appreciate it if you could conduct the assessor training for this skill trade. (2)
- I would appreciate it if you could conduct training courses for other skills within this skill trade.

【Opinions, comments, and preferred trades for the future】

- IoT (2)
- Industrial Control Systems (2)
- Mechatronics
- Plumbing
- PLC Systems
- Automated Production Lines
- Electrical Engineering
- Motor Control
- CNC Machining
- Information Network Cabling
- I am grateful that you have equipped technical students and teachers with abilities that meet the needs of both domestic and overseas private companies.
- I was able to acquire new skills.

◆ Manager: 3 (Respondents: 3) (* 5-point scale)

Needs of continuation: 5: Must continue = 1 4: Should continue = 2

【Improvements and proposals】

- I would appreciate it if you could provide additional training materials, such as operation manuals for each piece of equipment used in the training course.

【Opinions, comments, and preferred trades for the future】

- Mechatronics
- IoT
- Motor Control