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Developing Presentation Skills for Students majoring in Electrical Engineering

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This paper shows the implementing a presentation skill in C programming at Phetchaburi Rajabhat University for students from the Electrical Engineering major. Presentation skills are considered essential for undergraduate education to prepare students for various career opportunities. By focusing on a group of 20 students and assessing their performance in the second semester of 2022, this study indicated that students' abilities in learning and understanding programming theory increased by 30%. Their self-confidence improved by 60%, and their abilities in speaking and answering questions from the audience increased by 45%. Additionally, it was observed that students at the top of the class, with a grade point average (GPA) of 3.00-4.00, relied on their understanding to write programs independently for 100%. Students with a GPA of 2.5-2.8 used their understanding along with examples and writing some parts of program independently for 40%. On the other hand, students with a GPA of 2.00-2.4 primarily relied on the examples they had studied.

This demonstrates that the ability to apply effort in self-learning and self-program development is associated with students who perform well or are in the intermediate range academically.

Biography:

Wirote Jongchanachawat received his B.Sc. (Solid State Electronics) from King Mongkut 's Institute of Technology Ladkrabang in 1994, B.Eng. from South-East Asia University from 2014, MBA. from National Institute of Development Administration in 1999, M.Eng. and D.Eng. from King Mongkut's Institute of Technology Ladkrabang in 2000 and 2009. He had more than 20 years in information system and management from many industrials' companies. He is an assistant professor in Faculty of Engineering and Industrial Technology, Phetchaburi Rajabhat University, Thailand since 2022. His main research interests are analog circuit design, management information system (MIS), Operation Management, technology management, Big Data, IoT, automation and innovation for education.

(Ms. Sirapat Changchai, Ms. Wilasinee Noichor, Mr. Jatupoom Poonsawat: They are co-authors in this paper. They are studying year 3 of Electrical Engineering. They will present this paper.)