Name

: Mr. Uttapone Khemdang

Thesis Title

: The Analysis of Neccessary Subjects for Technology Diploma

Program in Electrical Technology at King Mongkut's Institute

of Technology North Bangkok as Perceived by Employers.

Major Field

: Vocational and Technical Education Management

Thesis Advisors

Dr. Suporn Panrat-isra

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Abstract

The study aims to investigate the necessary subjects in electrical power for technology program at King Mongkut's Institute of Technology North Bangkok as perceived by managers, supervisors or engineers of 60 persons from 20 companies cooperating with King Mongkut's Institute of Technology North Bangkok and Mongkut Sabha Foundation in B.E. 2536. Data are collected by means of questionnaires and analysed by descriptive statistics.

Findings are that theoretical subjects in Repairs and Maintenance of Electrical Equipment, Electrical Theory, Electrical Drawing, and Electronics are highly needed, followed by Measuring Instrumentation and Electrical Mathematic. For practical subjects, it is found that Basic Electronics and Basic Computing are highly needed.

J. Pambiem

Committee Chairperson