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JITRA MATANUSORN : A STUDY OF DEMANDS FOR SCIENCE AND TECHNOLOGY GRADUATES AT THE DIPLOMA IN VOCATIONAL EDUCATION LEVEL IN LABOR MARKET, BANGKOK METROPOLIS. THESIS ADVISOR : ASSO.PROF. PATEEP METHAKUNNAVUDHI, PH.D. 239 pp. ISBN 974-584-874-3

The objectives of this research were to study of demands for sciences and technology graduates at the diploma level of vocational education in labor market, Bangkok Metropolis ; and to compare the opinions between the vocational education administrators and the enterprises towards the required qualifications of the diploma graduates. Documentary analysis and surveys were used in this study. Samples of the survey were 99 enterprises and 38 administrators of public and private colleges.

The findings of the study indicated the demands for diploma graduates in the fields of the Automotive were the most significant among the enterprises and followed by Machine Mechanics, Electrical Power and Electronics. Employers expected the diploma graduates to have high potentiality in responsibilities and capabilities in operating tools and machinery effectively.

The comparisons between opinions of the enterprises and the administrators concerning to graduate qualifications revealed significant differences at .05 level in the areas of using foreign language skills and the capability to set high technology machines.