

Thesis Title	Desired Characteristics of Industrial Department Head Northerastern Technical Colleges
Student	Mr. Boonage Thawonsin
Student ID.	37063116
Degree	Master of Industrial Education
Programme	Vocational Administration
Year	1999
Thesis Advisor	Dr. Malai Gerawatanakaset

### ABSTRACT

The purpose of the research was to study and compare concepts of administrators and teachers towards desired characteristics of industrial department heads, Northeastern Technical Colleges , in aspects of conceptual skills, human skills, and technical skills in teaching and working. The samples used in the study were 450 administrators and teachers and 95.8 percent of complete questionnaires could be collected from 431 respondents. data were analyzed by using statistical methods such as percentage, Arithmetic Means, and Standard Deviation including t-test by means of SPSS/PC+ program.

The results of the research were as follows:

1. The concepts of administrators and teachers towards the desired characteristics of industrial department heads in conceptual skills, human skills, and technical skills in teaching and working were at the average of a high Level.

2. The results of the conceptual comparison of administrators and teachers towards the desired characteristics of industrial department heads divided by positions, ages, educational qualifications, and working experiences were found that:

Positions: As a whole and in each aspect, concepts of administrators and teachers towards desired characteristics of industrial department heads had differences.

Ages: a whole and in each aspect, concepts of administrators and teachers younger than 35 years and those with 35 years or more had no Significant differences.

Education qualifications: As a whole and in each aspect, the concepts of administrators and teachers with bachelor degree and lower or higher qualifications had no Significant difference.

Working experiences: As a whole and in each aspects, the concepts of administrators and teachers with 10 years or lower working experiences and more than 10 years had difference.

In conclusion, concepts towards the desired characteristics in the respective three skills were at a high level in every aspect.

Divided by positions and working experiences, comparative concepts of administrators and teachers towards the desired characteristics of industrial department heads had differences but divided by ages and educational qualifications the concepts had no Significant differences.