

## Abstract

The study of "The influential factors in selecting engineering as a major field of study among female secondary school students" was conducted under the following objectives :

1. To examine the sociological factors that encourage the female students to study engineering.
2. To find out the most influential factors of selecting to study in this field.

The data were collected from questionnaires administered to 397 "science - program" female students studying in M.6 in Bangkok.

Finding from this study indicate that the academic achievement is the most important factor encouraging the female students to select to study engineering. Their significant others, especially their father, mother, and friends (close friends, female companions and regular ones) are also highly influential. Sex role attitude of teachers is not related to the selecting of the field but they class teacher in particular can affect the students' through their encouragement. In addition, the finding show that the acceptance of female engineer of the students themselves and the masculine characteristics correlate with the engineering-studying selection at a low level. Whereas the relationship between the expectation of the extrinsic reward and the female students' selection of the field is not statistically significant. Finally, discussion at sussestion and impication of the finding are also included.