

## C243493 : MAJOR ART EDUCATION

KEY WORD: : DESIGN PROCESS / APPLIED ART / VOCATIONAL EDUCATION

TRIPOB BOONROD : OPINIONS CONCERNING DESIGN PROCESS PERFORMED BY CERTIFICATE VOCATIONAL STUDENTS MAJORED IN APPLIED ART OF ART AND CRAFTS AREA IN CENTRAL GROUP COLLEGES OF VOCATIONAL EDUCATION DEPARTMENT. THESIS ADVISOR : SANTI KHUNPRASERT, Ph.D. 182 pp. ISBN 974-584-620-1

The purposes of this study were to investigate the opinions concerning design process in the defining the problem, problem-solving approaches, testing and evaluation and compare the design process performed by certificate vocational students majored in applied art of art and crafts area in central colleges of vocational education department. The researcher collected data by using Questionnaires. Two hundred and forty six complete questionnaires, or 99.6 percent, were analyzed interms of percentages and Chi-Square ( $X^2$ ) to determine the level of significant difference.

The finding of the study is that the 1<sup>st</sup>, 2<sup>nd</sup> and 3<sup>rd</sup> year students were recognized all stages of the design process. The comparative opinions concerning the minor steps of design process between 1<sup>st</sup> and 2<sup>nd</sup> year students were significant difference at the .05 level in the specification of the topic, objectives, important design data, working drawing practice, material selection, knowledge, skills, and the revision of the approach. The comparative results between 1<sup>st</sup> and 3<sup>rd</sup> year students were significant difference at the .05 level in the specification of the topic, information data, important design data, evaluation, hypothesis, knowledge, skills, sketch design, making prototype, practical timing, and the revision of the approach. The comparative results between 2<sup>nd</sup> and 3<sup>rd</sup> year students were significant difference at .05 level in the information data, important design data, sketch selection, knowledge, skills, presentation and practical timing.