

##C243485 : MAJOR ART EDUCATION
KEY WORD: SPACTIAL RELATION/ ABSTRACT REASONING/ CREATIVE THINKING/
VISUAL ARTS/ CREATIVE ARTS

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ABSTRACT REASONING AND CREATIVE THINKING OF VISUAL ARTS AND CREATIVE
ARTS SENIOR STUDENTS IN THE FACULTY OF FINE ARTS, CHULALONGKORN
UNIVERSITY. THESIS ADVISOR : ASSISTANT PROFESSOR, DR. POONARAT
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The purposes of this research were to study and compare abilities of senior students major in visual arts and creative arts in the faculty of Fine Arts, Chulalongkorn University. The abilities were concerned of Spatial Relation, Abstract Reasoning and Creative Thinking. The population were consisted of seventeen visual arts senior students and eighteen creative arts senior students in the faculty of Fine Arts class of 1992. The research instruments were the Space Relations Ability Test by Bennett, Seashore & Wesman, the Abstract Reasoning Ability Test by Bennett, Seashore & Wesman, and Torrance Test of Creative Thinking Figural Form A. The tests were administered by the researcher. The obtained data were analyzed by means of percentage, arithmetic means, standard deviations and statistic testing by mean of t-test with a statistical significant difference at the level of .05

The results of this research were as follows :

1. The visual arts senior students had Space Relations Ability score of 45.60 and Abstract Reasoning Ability score of 36.06. The Creative Thinking scores which include of abilities of fluency score was 50.70, flexibility score was 50.02, original score was 51.75, and elaboration score was 52.38. The creative arts senior students had Space Relations Ability score of 50.39 and Abstract Reasoning Ability score of 38.00. The Creative Thinking score included of fluency score was 49.34, flexibility score was 49.98, original score was 48.34, and elaboration score was 47.75.

2. The senior students major in visual arts and creative arts in the faculty of Fine Arts, Chulalongkorn University were a statistically significant difference of the Space Relations Ability Test, but there was no significant difference of the Abatract Reasoning Test and Creative Thinking Test.