

Thematic Paper Title	The development of computer instruction media for analyzing military aircraft shape
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### ABSTRACT

The aim of this research is to design and construct computer aided course for Thailand Army Air Defense. The computer aided course has been developed based on Computer Aided Instruction theory using PHP, macromedia dreamweaver, and photoshop cs3 as the development tools.. A selection of a subset of individuals from within a statistical population to estimate efficiency of the course has been applied to ensure that the course has been well designed.The individuals in this research were the personnel of the Army Air Defense Command with purposive sampling of 60 persons.

The statistical tools used in this research were the computer lesson with demonstrating video, practical exercises, and pre-test and post-test. The obtained data was then analyzed statistically by obtaining mean value ( $\bar{x}$ ) and standard deviation (S.D.), and academic achievements were compared by using t-test.

This research found that such lessons' efficiency were at 80.29/80.08, which were higher than assumed value of 80/80, and that the academic achievements after studying of students were higher than the ones before studying which were statistically significant at 0.05. Moreover, satisfaction of the students was at high level. In summary, the developed lesson thus can be used to the target groups efficiently.