

Thesis Title	The Study of Using Computer Assisted Instruction In Secondary Schools Under the Department of General Education in Bangkok Area.
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#### Abstract

This study was aimed to explore the use of computer as an assisting tool in education. The study include the situations, problems, and the needs concerning the use of computer as an assisting tool in secondary schools under the Department of General Education in Bangkok area. The emphasis was put on 7 major areas including policies, budget, human resources, software, computer hardware and peripherals, computer laboratory, and supports. The questionnaire was used as a research tool, the study surveyed secondary schools in Bangkok area with three sampling groups: 1) school management executives 2) computer instructor section heads and 3) instructor using computer as an assisting tool in various subjects; altogether 363 samples.

This study revealed that:

1. Most secondary schools had extremely low level of using computer as an assisting tool for instruction. Most of the computer resources had been supported by the guidance and teacher associations. Generally, instructors ware technically trained or self-studied, rather than graduated in computer field. Software programs ware acquired through purchasing while computer hardware as teaching-assisted tools ware rarely found.

2. Major problems on computer assisted instruction include schools' unclear policy in computer assisted instruction, insufficient financial support, and only a small

number of instructors equipped with adequate knowledge to use and design computer assisted software.

3. There were still some demands for assistance concerning computer assisted instruction. Most secondary schools needed a budget allocated from schools' tuition income, as well as instructors who had the expertise to design computer assisted software. Instructors needed multimedia system computer hardware along with peripherals, classrooms adjusted for computer assisted instruction, as well as the establishment of computer assisted instruction center to produce teaching-assisted programs for schools under the Department of General Education.

Keywords : computer / computer assisted instruction / secondary schools