

Khanittha Rueangsethee 2006: Factors Affecting the Computer-assisted Instruction Utilization of Secondary School Teachers in Nakhon Ratchasima Educational Service Office Area 4. Master of Education (Educational Technology), Major Field: Educational Technology, Department of Educational Technology. Thesis Advisor: Mr. Suwich Budsuwan, M.Ed. 127 pages.
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The objectives of this research were to study the factors affecting the computer-assisted instruction utilization of secondary school teachers in Nakhon Ratchasima Educational Service Office Area 4. The samples were 277 teachers at secondary school in Nakhon Ratchasima Educational Service Office Area 4. The data were collected by questionnaires and analyzed statistic by frequency, percentage, arithmetic mean, standard deviation, chi-square and Pearson's product moment correlation coefficient.

The results found that 1) The factors on CAI showed teachers' opinion at high level, those were application and ready-in-use instructional media, to be assisted the learners in their learning, the convenience in usage and conformer with content. The other items showed teachers' opinion at medium level. The factors on teachers revealed teachers' opinion at high level, those were adoption of ability and usefulness of computer-assisted instruction , consideration of computer-assisted instruction and interested in the utilization of computer-assisted instruction. The other items revealed teachers' opinion at medium level. The factors on facilities in the school and the factors on supplement displayed at medium level for all items. 2) The factors on CAI and factors on teachers had a positive relation with the computer-assisted instruction utilization of secondary school teachers at the significant level .01, the factors on supplement at the significant level .05. The factors on facilities in school had no relation with the computer-assisted instruction utilization of secondary school teachers.

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Thesis Advisor's signature

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