

Mannimit Pohlam 2013: Development of Multimedia Computer-assisted Instruction on ASEAN Community Subject for Visual Disabilities Students Ramkhamhaeng University. Master of Education (Educational Communications and Technology), Major Field: Educational Communications and Technology, Department of Educational Technology. Thesis Advisor: Mr. Nattaphon Rampai, Ed.D. 140 pages.

The purposes of this study 1) to develop the multimedia Computer-assisted instruction on ASEAN community subject for visual disabilities students, 2) to study effectiveness index of multimedia computer-assisted instruction on ASEAN community subject for visually disabilities students and 3) to study the student's satisfaction of multimedia computer-assisted instruction on ASEAN community subject for visual disabilities students.

The participate are 30 visual disability students of Ramkhamhaeng University in semester 2 academic year 2012, that used purposive sampling technique Research instruments are multimedia computer-assisted instruction on ASEAN community, learning achievement test, and the questionnaire of the students satisfaction research statistics are mean ( $\bar{x}$ ) standard deviation (S.D.) and effectiveness index (E.I.)

The research findings revealed that 1) the quality of multimedia computer-assisted instruction on ASEAN community subject for visual disabilities students of Ramkhamhaeng University was approval by instructional media experts at a good level ( $\bar{x} = 4.18$ , S.D. = 0.94), 2) the effectiveness index of multimedia computer-assisted instruction on ASEAN community subject for visual disabilities students of Ramkhamhaeng University was shown at of 0.65 that mean students increased 65 percent of were learning progress. and 3) the student's satisfaction on multimedia computer-assisted instruction on ASEAN community subject for visual disabilities students Ramkhamhaeng University was shown at high level ( $\bar{x} = 4.37$ , S.D. = 0.56)

---

Student's signature

---

Thesis Advisor's signature