

Research Title : The Construction Computer Assisted Instruction Interactive
Multimedia Virtual Reality Courseware For Introduction Hardware
For Personal Computer via Internet Technology.
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Abstract

The purposes of this research was as follows: 1. To develop the effectiveness of Interactive Multimedia Virtual Reality Courseware in computer lessons about “ Introduction Personal Computer Hardware ” for student on the criteria of 80/80. 2. To compare the learning achievements of student’s lessons before and after learning. 3. To study the satisfied of the students in computer lessons.

A sample size in this research of 200 students from private universities within the Bangkok Metropolitan . A sample size was used in this study from the distribution of population 3 size is big middle and small in the first semester of 2009 academic year . Equipment of the research was 4 units of lesson and Pretest-Posttest 40 choice by the researcher. The instruments were evaluated for the validity, difficulty and discrimination.

In this study, we found that: 1. The efficiency of Assisted Instruction (CAI) Interactive Multimedia Virtual Courseware program in teaching “ Introduction Hardware For Personal Computer ” was 87.92 / 84.44. 2. To Compare the learning achievements of student’s lessons before and after learning showed that achievement of posttest viewing was higer than pretest. 3. Mostly of students satisfied the lesson at the high level with the average score was 61.7 %.

Keywords : Interactive Multimedia Virtual **Reality** Courseware, Hardware For Personal
Computer