

Wiparat Moosikajaroen 2006: Development of Learning Package for Integrated Instruction: A Case Study of Mathematics Instructional Media Course for Teaching Mathematics Program for the Faculty of Education at Kasetsart University. Doctor of Philosophy (Curriculum and Instruction), Major Field: Curriculum and Instruction, Department of Education. Thesis Advisor: Associate Professor Nataya Pilanthananond, Ph.D. 176 pages.
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The purposes of this research were : 1. To develop the learning package for integrated instruction for Mathematics Instructional Media course 2. To study the effects of this learning package. There were 4 phases of this study: 1. Study the fundamental data related to the development of instructional package and integrated mathematics instruction 2. Construct the course syllabus for Mathematics Instructional Media course 3. Construct the learning package for integrated instruction for Mathematics Instructional Media course 4. Implement the learning package with the population of this study and then evaluating the learning package.

The population of this study were 23 undergraduate students who studied the course 158331 : Mathematics Instructional Media in the second semester of the academic year 2005. The instrument used in this research consisted of course syllabus for Mathematics Instructional Media course, the learning package for integrated instruction for Mathematics Instructional Media course, task evaluation forms, attitude test towards Mathematics Instructional Media course, attitude test toward the integrated mathematics instruction.

The results of the research were : 1. The result of the learning package improvement for integrated instruction for Mathematics Instructional Media course indicated that the researcher adopted the new instructional package consisted of 6 units for teaching the undergraduate students who studied Mathematics Instructional Media course. 2. The results of the learning package implement were as follows : (1) Students could work tasks at the excellent level (2) Most of the students had the excellent achievement (3) Most of students had high attitude toward Mathematics Instructional Media course (4) Most of students had high attitude toward the integrated mathematics instruction.

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