Thesis Title	The Construction and Effective Test of a Work Sheet on "Microcomputer Set Assembly and System-Control Program Installation"
Thesis Credits	6
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Abstract

The purpose of this research was to construct a work sheet on "Microcomputer Set Assembly and System - Control Program Installation", to test its learning effectiveness according to the 80/80 standard criterion and to analyze the satisfaction of sample group towards the work sheet . The output work sheet will be utilized as teaching aid along with the subject title "Circuit Description and Microcomputer Maintenance " which is a part of the revision copy of the Computer Science Curriculum for the bachelor's degree in Education of The Teacher Training College 1993, Ministry of Education. The output work sheet emphasized on the enhancement of students' learning skill and competence. The researcher has provided full contents of pre - test and post - test to a group of 42 Computer Science major freshmen selected as the sample group of this study in order to design the structure of the work sheet. The tests were divided into 2 types, the theoretical oriented tests (20 copies) and the practical oriented tests (11 copies) . The result of this study revealed that the output work sheet showed 91.45 / 88.92 of theoretical efficiency and 90.72 / 88.58 of practical efficiency which were above the set hypothesis. The average mark of the satisfaction of the sample group towards the microcomputer set assembly and the system - control program was 4.14 with the 0.65 of standard deviation. This implies that the sample group's opinions towards the issue is at a good level.