

50257321 : MAJOR : EDUCATIONAL TECHNOLOGY.

KEYWORD : MULTIMEDIA / VOCAL ON RHYTHM SUBJECT.

MR.SUPUN PANGBUBPHA : THE DEVELOPMENT OF MULTIMEDIA LESSON IN VOCAL ON RHYTHM SUBJECT FOR SHORT COURSE CURRICULUM OF RATCHABURI POLYTECHNIC COLLEGE. THESIS ADVISORS : ASSO.PROF.SOMYING JAROENJITTAKAM, ASST.PROF.ANIRUT SATIMAN, Ed.D., ASST.PROF.CHAIYOS PAIWITHAYASIRITHAM, Ed.D. 128 pp.

The purposes of this research were to: 1) To study and develop the efficiency of the multimedia lesson in vocal on rhythm subject for short course curriculum of Ratchaburi Polytechnic College 2) To compare the achievement Before and after study using the multimedia lesson in vocal on rhythm subject for short course curriculum of Ratchaburi Polytechnic College. 3) To study the students' opinion on the multimedia lesson in vocal on rhythm subject for short course curriculum of Ratchaburi Polytechnic College. The Samples of this research were : Short course curriculum singing students studying in semester of academic year 2014 in Ratchaburi Polytechnic College. From Simple Random Sampling with 1 room draw for a total of 30 people. The instruments in this research were 1) The multimedia lesson in vocal on rhythm subject for short course curriculum of Ratchaburi Polytechnic College 2) The achievement test of Vocal on rhythm subject for short course curriculum of Ratchaburi Polytechnic College 3) Questionnaire form on students satisfaction the statistic methods used to analyze data are mean, standard deviation, and t-test for Dependent.

The results of the research were : 1) The efficiency of The multimedia lesson in vocal on rhythm subject for short course curriculum of Ratchaburi Polytechnic College was 97.77/99.58 which higher than expected 2) The learning process of students learning effect after studying The significant 0.05 3) generally, the satisfaction of students's highly valued ($\bar{X} = 4.82$, S.D. = 0.19)