

Abstract

Thesis title : The results of the model for teaching mathematics in industry. Electronic mail services through Google (G-mail) for students, faculty of Industrial Technology, Phranakhon Rajabhat University.

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The purpose of this research have 2 item: to the compare academic achievement, subject of the mathematical in industrial of students between before study with after study from electronic mail services through G-mail including compare achievement of students between the group that study from electronic mail services through G-mail with the group that study a normal, by have the sample group to study: a senior students enrolled in subject safety engineering, semester 2/2011, faculty of industrial technology, Phranakorn Rajabhat University amount 16 person, which a tool that use to distribute is 2 the part: 1. Equipment used in the experiment is: G-mail and 2. Equipment used in the data accumulation is: The tests before study and after study(PRE-TEST, POST TEST) which can store and deliver education content in electronic file styles, before education by the electronic file at prepare send give a students has all 3 parts is : the teaching, documentation of teaching, and the exercises, then we tried to test with sample the 2 groups in the semester 1/2011, by the first group, the group is interested in receiving information through G-mail online, the two group, the group is not interested in receiving information through G-mail, the information collected by doing a test before the study(pre-test) and after the study (pos-test) then the results obtained from experiments are compared by the use of statistics (t-test) to tests the different between score before study and after study of students both 2 group, From the research, it appeared that: from the development of study at the study from lessons through electronic mail services of G-mail for compare the readiness before study the results of first group between before study and after study have high score, the results of two group between before study and after study have high score and the results of after study between 1group with 2group have high score by appeared that : 1group, the group is interested in receiving information of electronic mail services through G-mail to increase efficiency is 40.7% than 2group is the group is not interested in receiving information of electronic mail services through G-mail to increase efficiency is 27.1% .