

C541039 : MAJOR MATHEMATICS EDUCATION

KEY WORD: COMMERCIAL MATHEMATICS CURRICULUM / VOCATIONAL CERTIFICATE
LEVEL / PRIVATE SCHOOLS

SRISUPA THANASINSUPAYA : A STUDY OF STATE AND PROBLEMS OF THE
IMPLEMENTATION OF THE COMMERCIAL MATHEMATICS CURRICULUM AT THE
VOCATIONAL CERTIFICATE LEVEL OF THE DEPARTMENT OF VOCATIONAL
EDUCATION IN PRIVATE SCHOOLS, BANGKOK METROPOLIS. THESIS ADVISOR :
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The purpose of this research was to study the state and problems of the implementation of the Commercial Mathematics Curriculum at the vocational certificate level of the Department of Vocational Education in private schools, Bangkok Metropolis, as perceived by the 21 administrators, 17 mathematics teachers, 20 other concerning subject teachers and 336 third-year students from private schools under the Office of Private Education Commission, Bangkok Metropolis. The data were analyzed by means of frequency distribution, percentage, arithmetic mean and standard deviation. The results were as follow aspects :

1. In the aspect of preparing the curriculum documents, most of administrators prepared only textbooks for the mathematics teachers and the problems were inadequate curriculum documents, documents were given to the teachers lately. The lesson plans were made together by mathematics teachers, but the problem was found that the contents did not follow the lesson plans.

2. In the aspect of managing the environmental factors for the curriculum implementation, the teachers were assigned to teach according to their majors. The administrators supported the teachers to prepare the internal atmosphere in the classrooms as well as used the instructional media in order to facilitate teaching and learning process, followed up supervision through classrooms and the problem was the lack of educational resources.

3. In the aspect of instructional organization, most of mathematics teachers used the explanation for teaching method by giving the examples. Co-curricular activities were not organized. Measurement and Evaluation by giving a test, taught the students knew how to use mathematics and used as the fundamental of studying Accounting, Sales Management and Economics. Mathematics teachers did not have problem in the aspect of instructional organization, but the other concerning subject teachers indicated that the problems were students forgot mathematics formulas and had differences in mathematics background.