

<b>Thesis</b>	Additional Knowledge and Skills Required by Agricultural Education Students of Rajamangala Institute of Technology at Bangpra, Nakhonsithammarat and Surin Campuses, Academic Year 1998
<b>Student</b>	Mr. Pakkapong Pounsuk
<b>Student ID.</b>	39064334
<b>Degree</b>	Master of Science
<b>Programme</b>	Agricultural Education
<b>Year</b>	1999
<b>Thesis Advisor</b>	Dr. Danai Disyabutra
<b>Thesis Co-advisor</b>	Dr. Nopakoon Siriwan Mrs. Wantanee Chotisakul

## **ABSTRACT**

This research was aimed at studying additional knowledge and skills required by agricultural education students of Rajamangala Institute of Technology at Bangpra, Nakhonsithammarat and Surin campuses as for all and individual campuses. Population of the study were the last year students of Rajamangala Institute of Technology in the three campuses who were taking agricultural education program of Bachelor degree in the academic year 1998. Data of the study were collected by 143 questionnaires and returned by 122 respondents. Statistical tools used for analyzing data were frequency count, percentage, arithmetic mean and standard deviation.

Results of the study revealed that most respondents were male with 22.44 years of average age. More than half were studying Animal Husbandry and Horticulture. They got 2.52 of grade point average for the past three semesters. Most respondents resided in the North Eastern and they lived with their parents who sponsored for their expenses. Most parents engaged in farming with 8,680.74 Baht of monthly income. Most respondents expected to enter teaching occupation.

The findings showed that the students required additional knowledge in seven areas which levels of requirements were as follows : a) fields of languages were “much” required particularly “English for communication” which Surin campus was the most stand out; b) fields of computer using and media production, the respondents showed “much” required, especially “foundations of computer” and “using computer programs” which Surin campus was the most outstanding ;

c) knowledge in business were required for all items; d) knowledge in preparation for work were “much” required, especially the preparing to enter occupations and the most interesting items were “the world of works and earning income” and “doing hobbies or earning extra income” which Bangpra campus was the most required ; e) every item of law knowledge was required ; f) all items of knowledge in public health and health care were “much” required which Bangpra campus required the most in knowledge of standard sanitation ; and g) knowledge in environment and natural resources were “much” required for all items which Bangpra campus required the most in knowledge of environment conservation.

Requirement for additional skills were in six areas by which all respondents from Surin campus required skills in preliminary computer and using computer programs, telephone communication and telefax while all respondents from Bangpra campus required skills in enterprising and appropriate business management.

Recommendations for the Institute and administrators were : a) planning, cooperation in instruction, skill trainings and activities participation had to be coincident ; b) everyone had to be alert to develop himself either knowledge and skills to keep up with changes in information technology from local up to international level.