



UNIVERSITI TEKNOLOGI MARA (UiTM) SARAWAK  
FACULTY OF ADMINISTRATIVE SCIENCE AND POLICY

STUDIES

TOPIC:

IMPACT OF CALCULATION SUBJECT ON THE  
PERFORMANCE OF THE DPA STUDENTS IN UiTM

SARAWAK

PREPARED BY:

SHARELYNE BUNDAI AK. JIM                      2007133543

SYLVIA SANI AK STANLEY KUDA              2007141513

JAMILAH BT. RASHIDI                          2007133561

*CASE STUDY: IMPACT OF CALCULATION SUBJECT ON THE PERFORMANCE OF THE DPA STUDENTS IN UiTM SARAWAK*

TABLE OF CONTENTS

<u>TOPIC</u>	<u>Page Number</u>
Declaration	i
Letter of Transmittal	ii-iii
Acknowledgement	iv
Clearance for submission of the research report by the supervisor	v
Chapter 1: Background of the study	
1.0 Introduction	1-2
1.1 Title of study	3
1.2 Problem Statement	4-5
1.3 Objectives of the study	6-7
1.4 Research Question	8
1.5 Respondent's	8
1.6 Scope of our study	9
1.7 Significance of the study	10-11
Chapter 2: Literature Review	
2.0 Introduction	12
2.1 Performance	13
2.2 Factor contributing on a good performance in calculation Subject	
2.2.1 Promoting Active Learning	13
2.2.2 Developing High Order Thinking Skills	14
2.2.3 Developing good relationship between the students And their tutor	14
2.2.4 Motivation for the student	15

## **CHAPTER 1: BACKGROUND OF THE STUDY**

### **1.0 Introduction**

In learning mathematics, students frequently encounter mathematics problems involving calculations, understanding of concepts, principles and mathematical relationship with others subject. The reasons of why mathematics subjects are difficult to learn is that the concepts in mathematics are abstract and difficult to understand, and also the students have alternative meaning of certain mathematical words before any mathematics teaching takes place.

According to Ihiejeto (1995) there are several factors which could explain on why the performance of students becomes decrease in this calculation subject. Among of the factors are;

- i. Student's dislike for mathematics that may stem from psychological incidence such as fear, endurance, perseverance and associated factors.
- ii. Mathematics teachers were not interested in the subject and did not help their students by way of catering for individual differences.
- iii. Other resources material such as text books seemed lacking in both in school and at home.
- iv. Students didn't have any alternative to improve themselves in this calculation subject.

Based on the findings above, we had decided to conduct a research regarding on the impact of calculation subject on the performance of the DPA students in UiTM Sarawak. The reason of why we choose to study this topic because of we realised

## **2.1 Performance**

The act performing, of doing something successfully using knowledge as distinguished from merely possessing it, "they criticized his performance as mayor", "experience generally improves performances" (<http://ardictionary.com/performance>).

The act of performing, the carrying into execution or action, execution, achievement, accomplishment, representation by action as the performance of an undertaking of a duty (<http://ardictionary.com/performance>)

## **2.2 Factor contributing on a good performance in calculation subject**

### **2.2.1 Promoting active learning**

Research and academic everywhere around the world has been implementing several factors that can lead to the good performance of study for the student especially in term of calculation subject. One of the factor that can lead to a good performance in calculation subject is by promoting active learning, according to the researcher that have been made in University Technology Malaysia (Assoc. Prof. Dr. Azizi Hj. Yahaya faculty of education university technology Malaysia). Active learning is about energizing and sustaining attention of student, who then become very interested in doing any classroom activities. (Assoc. Prof. Dr. Azizi Hj. Yahaya)

## **CHAPTER 3: RESEARCH METHODOLOGY**

### **3.0 Research design**

Research method can be known as a simply process to finding the solution for a problem after a thorough study and analysis of the situational factors. In our research study we have applied our own method of researching which we are starting from indentified the variable place. After we indentified the variable place we will observe the condition of the place whether it's suitable or not with our problem statement.

After the above step, we will continue our method with the designing of the researching which is to make us easily to analyze in order to find the factor and solution of the problem study. Besides that, we also will find the requisite data that can help us to gain the information for our study. In our theoretical framework, we will make the observation towards the situation around the DPA student and try to indentify the factor and problem that occur in our study. Through the theoretical framework, we will create the some hypothesis according to the impact of calculation subject towards the result performance of the DPA student.

In our investigation study, we will find the purpose of the study from the information of HEA administration about the statistic and result performance of DPA student in calculation subject. Besides that, we also will find the others information from the student about the factor that contribute in the lack performance of calculation subject among themselves. After this step, we can establish the