UNIVERSITI TEKNOLOGI MARA



FACTORS THAT AFFECT STUDENTS' ACADEMIC PERFORMANCE IN UITM SEREMBAN 3

INTAN NUR SYUHADA BINTI ABD RAHMAN NOR HIDAYU BINTI AMRAN NURUL SYAMIMI BINTI ABDUL KHAIR

BACHELOR OF SCIENCE (HONS.) STATISTICS FACULTY OF COMPUTER AND MATHEMATICAL SCIENCES

TABLE OF CONTENTS

TABLE OF CONTENT			
LIST C	OF TABLES	iii	
LIST OF FIGURES			
ACKN	1		
ABSTE	RACT	2	
Chapte	er 1 Introduction	3	
1.1	2	3	
1.2		5	
1.3	3	6	
1.4	• 1	7	
1.5	Ç	7	
1.6	Scope and Limitation	8	
Chapte	er 2 Literature Review	9	
2.1	Introduction	9	
2.2	Academic Performance	9	
2.3	Teaching Competencies	10	
2.4	Financial	11	
2.5	Attendance of Students	13	
2.6	1 &	13	
2.7	Conclusion	15	
Chapte	er 3 Methodology	16	
3.1	Introduction	16	
3.2	Research Design	16	
3.3	Population and Sample	17	
3.4	Sampling Design	18	
3.5	Data Collection Method	19	
3.6	Research Instrument	19	
	3.6.1 Pilot Test	20	
3.7	Construct and Measurement	20	
3.8	\mathcal{E}	20	
	3.8.1 Questionnaire Checking	21	
	3.8.2 Data Editing	21	
	3.8.3 Data Coding	21	
3.9	•	22	
	3.9.1 Descriptive Analysis	22	

		3.9.2	Reliability Test	22		
		3.9.3	Inferential Analysis	22		
		3.9.4	·	22		
	3.10	0 Conclusion				
Ch	apter	4	Result and Discussion	27		
	4.1	Introd	uction	27		
	4.2	.2 Descriptive Analysis				
	4.3	1				
	4.4	4.4 Reliability Analysis				
4.5 Determining significant factors						
		4.5.1	Model Evaluation	31		
		4.5.2	Model Adequacy Checking	33		
	4.6	Conclu	usion	38		
Ch	apter	5	Conclusion and Recommendation	39		
	5.1	Introduction				
	5.2	Summary of Statistical Analysis				
		5.2.1	Summary of Inferential Analysis	39		
	5.3	·				
		5.3.1	The Relationship between Teaching Competencies and Academic Performance	40		
		5.3.2	The Relationship between Financial and Academic Performance	40		
		5.3.3	•	41		
		5.3.4	The Relationship between Sleeping Habits and Academic	71		
		3.3.4	Performance	41		
	5.4	Limita	itions of the Study	42		
		· · · · · · · · · · · · · · · · · · ·				
		Concli		43 43		
	3.0	Concr	451011	13		
Re	References					
AF	APPENDIX A					
ΑF	APPENDIX B					

ACKNOWLEDGEMENT

IN THE NAME OF ALLAH, THE MOST GRACIOUS AND THE MOST MERCIFUL. Assalamualaikum W.B.T and Bismillahirrahmanirrahim.

Alhamdulillah, first and foremost, this Final Year Project (FYP) has been finished. Thanks to Allah S.W.T for giving us with a healthy body, strength and perseverance which has enabled us to complete this FYP paper within a predetermined time.

We want to thank our supervisor, Madam Zaitul Anna Melisa binti Md Yasin, for her moral support, advice, suggestions, and encouragement throughout this two-semester period. Her insightful suggestions and guidance have greatly aided in the improvement of our report.

Never forget to express our gratitude to all of the lecturers who have taught us in class because without the knowledge we have gained from them, we may not be able to complete this assignment due to a lack of information. We chose this topic and completed our Final Year Project because of the knowledge we gained in class.

Furthermore, we owe a debt of gratitude to our friends have assisted us much in completing our project because without their generosity, our project would not have been completed as it is now. Not to forget our family, who has provided us with motivational support and advice when we have felt like giving up. We are confident that through participating in this project, we are able to advance to a higher level of study or job in the real world.

ABSTRACT

The performance of students as it relates to academic achievement is critical in achieving quality graduates. Many longitudinal experiments are carried out to look at the variables that influence university students' results. The main goal of this research is to look at the factors that influence students' academic performance at the UiTM Seremban 3 Campus. This study contributes to a greater understanding of the various variables that influence the student's academic performance, allowing them to apply to high-level educational institutions. Teaching competencies, financial, attendance of students and sleeping habits are among the factors that were examined in this study. Three hundred and fifty students were chosen at random from three faculties: Faculty of Computer and Mathematical Sciences (FSKM), Faculty of Sports Science and Recreation (FSR), and Faculty of Administrative Science Policy Studies (FSPPP). In this analysis, questionnaires were used to gather data and were validated using SPSS software. A multiple linear regression (MLR) analysis was also used to evaluate the relationship between the variables. Findings suggest that financial and sleeping habits have a significant relationship on students' academic performance at UiTM Seremban 3. There were a few limitations in this study as well. Failure to acquire data from international students, the use of questionnaires, and the fact that this study was confined to just students from UiTM Seremban 3. Careful techniques and other ways can be used to overcome these restrictions.