

**Instructional Resources, Teaching Competence and Academic Learning Outcome of Office
Technology Management Students in Government Polytechnics, Lagos State**

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**Being M.Sc Thesis Submitted to the Department of Information Management, Faculty of
Communication and Information Science, Lead City University, Ibadan, Nigeria**

**In Partial Fulfillment of the Requirements for the Award of Master of Science Degree
(M.Sc) in Office and Information Management**

2022

Certification

This is to certify that **Chinyere Jennifer ODUMADE** with matriculation number **LCU/PG/001270** carried out this study titled “**Instructional Resources, Teaching Competence and Academic Learning Outcome of Office Technology Management Students in Government-owned Polytechnics, Lagos State**” in the department of Information Management, Faculty of Communication and Information Sciences, Lead City University, Ibadan, Oyo State, For the Award of Master Degree (M.Sc.) in Office and Information Management and that this work has not been previously submitted elsewhere.

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Date

Dr Sophia V. Adeyeye
(Head of Department)

Date

Dedication

This project is dedicated to the Almighty God.

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Acknowledgement

My gratitude goes to the management of Lead City University, Ibadan for the opportunity given me to learn in a conducive environment under supportive, I also appreciate management and staff of Lagos State University of Technology (former Lagos State Polytechnic) for the opportunity given to me to proceed on my Master's study; and Yaba College of Technology Lagos State with the support given in collecting my data. I am greatly indebted to my supervisor, Prof. E. A. Erwat, for her invaluable support, constructive criticisms and contributions to my work, accommodating and reassuring effort of the Head of Department, in person of Dr S. V. Adeyeye.

To the provost Prof. Afolakemi Oredein and staff of postgraduate school I am overwhelmed by your support and for creating a conducive environment for learning. Also, my gratitude also goes to the dean and staff of the faculty of Communication and Information Sciences Prof. L. A. Ihebuzor, for your guidance through the period of my Master's programme. I sincerely commend and appreciate the joint efforts from all lecturers in the Department of Information Management, Dr L. A. Awobenu, Dr T. E. Adenekan, Dr T. D. Samuel, Dr O. D. Bakare, Dr S. O. Tunmibi (PG Coordinator), Dr K. O. Lateef, Dr F. B. Oguntoye, Mrs K. O. Popoola, Mrs O. A. Ologbosere, Mrs O. R. Oboh, Mr I. A. Adeniran, Mrs O. E. Ibrinke, Mrs V. O. Ahamze, and the Departmental Administrator, Mrs O. D. Balogun.

I am grateful to my Husband; Mr Layiwola Odumade, my children; and our family friend, Mr Biodun Akinsola and my friends and coursemates in Lead City University, Ibadan. I also appreciate the effort of Dr Onamusi.

Even though the above-mentioned institutions and persons have assisted in the process of this research work, I alone stand responsible for the errors, if any, found in the work.

Abstract

Academic learning outcome is a deliberate activity that attempts to improve all elements of human life through information transmission and learning facilitation. This research work investigated the influence of instructional resources and teaching competence on academic learning outcome of OTM students of government-owned polytechnics, Lagos State, Nigeria. The study adopted a descriptive survey design. The population of the study was 38900 students of Yaba College of Technology and Lagos State Polytechnic. The sample size for this study was 380 students of the institutions. The sample size was determined by Krejcie and Morgan sampling technique. The study adopted a structured questionnaire titled “Teaching Competence, Instructional Resources and Academic Learning Outcome. Validity of the instrument was done by the supervisor and other experts in the field. The reliability test of the questionnaire yielded Cronbach’s Alpha value of 0.840. 380 questionnaires were administered and 359 were recovered, of which 347 were certified and duly filled which represented 91% response rate. The study found out that instructional resources significantly influence learning outcomes (Adj. $R^2 = 0.442$, $F(3.184) = 50.461$, $p = 0.05$), implying that instructional resources determine 44.2% of variation; teaching competence significantly influence learning outcome (Adj. $R^2 = 0.424$, $F(3.248) = 62.664$, $p = 0.05$), implying that teaching competence determine 42.4% of variation in learning outcome. The combined influence of instructional resources and teaching competence on learning outcome was significant (Adj. $R^2 = 0.550$, $F(2.249) = 154.376$, $p = 0.05$), thus contributing 55.0% of variation in learning outcome. The influence of instructional resources is higher than that of teaching competence ($B = 0.513$, $B = 0.286$, $p = 0.05$ respectively). The study concluded that teaching competence and instructional resources have positive and significant influence on academic learning outcome of OTM students of government-owned polytechnics in Lagos State, Nigeria. The study recommended that the management of the polytechnics should recruit competent teaching staff and provide required instructional resources to enhance academic learning of OTM students in government owned polytechnics in Lagos State, Nigeria.

Keywords: Teaching Competence, Instructional Resources, Academic Learning, Information Transmission and Social Interaction.

Word Counts: 298

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List of Acronyms

Abbreviations

Meaning

ALO	-	Academic Learning Outcome
TC	-	Teaching Competence
IR	-	Instructional Resources
ALTCIR	-	Academic Learning, Teaching Competence and Instructional Resources
OTM	-	Office Technology and Management

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