

**FACTORS AFFECTING STUDENT LEARNING EXPERIENCE: THE CASE OF  
ARABIC CALLIGRAPHY AND MORPHOLOGY SUBJECTS IN MSU  
KFCIAAS DURING ONLINE MODALITY USING  
STRUCTURAL EQUATION MODELING**

**A Thesis**

**Presented to the Faculty of the College of Information and Computing Sciences  
Mindanao State University**

**In Partial Fulfilment of the Requirements  
For the degree Bachelor of Science in Information System**

**By**

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## ABSTRACT

**Jenan Shahri Api Maruhom. "Factors Affecting Student Learning Experience: The Case of Arabic Calligraphy and Morphology Subjects in MSU KFCIAAS During Online Modality Using Structural Equation Modeling".** An Undergraduate Thesis, Bachelor of Science in Information Science, Mindanao State University, Main Campus, May 2023.

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Educational institutions have entered the era of information-based society where information systems have become their backbone in managing and running their institutions properly. Furthermore, during the COVID-19 epidemic and spread in 2020, information systems played a significant role in everyday work, communication, information collecting, and decision making, all of which relied on information technology (IT). This paper investigated the factors affecting student learning experiences and factors that lead students to accomplish their Arabic Calligraphy and Morphology subjects during the online modality. To obtain the information from students, questionnaires were distributed among them. The study included one data gathering technique and three data analysis methodologies. The questionnaire was used to collect data, and the three data analysis approaches were quantitative, descriptive (to characterize the data acquired from the SEM measurements), and structural equation modeling. SEM was used to determine the elements affecting student learning experiences when learning online, as well as the factors that cause students to complete their Arabic Calligraphy and Arabic Morphology topics. According to the study's findings, elements influencing students' online learning experiences include self-regulation, technology literacy and competency, technological sufficiency, technological complexity, and learning resource. The factors leading students to accomplish their Arabic and Calligraphy and Morphology courses during online modality were imitating/taqlidiyah, consolidation, deep mastery, tamrin, and Ijazah. Moreover, the implication of findings have significant implication in pedagogical and technological on online modality.

**Keywords:** *Information Systems; COVID-19; Information Technology (IT); Arabic Calligraphy and Morphology Subjects; Quantitative and Descriptive Method; and Structural Equation Modeling (SEM).*