
KSAC3477 Competency Model Essential Competencies for Learners in the Twenty-first Century

Thitiwat Jirasirichot*

Graduate School of Public Administration (GSPA), National Institute of Development Administration (NIDA)

Naruedol Sarawut

Faculty of Engineering, King Mongkut's Institute of Technology Ladkrabang (KMITL)

Natnicha Wangdee

Faculty of Education, Chulalongkorn University

ABSTRACT

This study, titled “KSAC3477 Competency Model: Essential Competencies for Learners in the Twenty-first Century,” aimed to analyze contemporary competency and their competency components from both Western and Thai epistemological perspectives and to develop a novel model suited for the modern era. Introducing the KSAC 3477 Competency Model, this research presents a theoretically grounded and innovative framework synthesizing essential knowledge, skills, and attributes for adaptive competence in a dynamically transforming global context. The model categorizes knowledge into specialized, generalized, and futuristic; skills into core foundational, advanced, personal development, and thinking; and attributes into personal growth, social awareness, leadership, resilience, societal contribution, intellectual curiosity, and mental/physical well-being. Comprising seven competency categories—personal growth, social awareness, leadership, resilience, societal contribution, intellectual curiosity, and well-being. This model aims to guide students in adapting to global changes, particularly by applying it within the Thai education system, to prepare them for contemporary challenges. Future research should validate the model's implementation across diverse educational environments and develop comprehensive assessment tools for social, emotional, and cognitive competencies to enhance measurement accuracy and effectiveness in learning process.

Keywords: KSAC 3477 Competency Model, Twenty-First Century, Knowledge, Skills, Attributes