

# DEVELOPMENT OF SELF-DIRECTED LEARNING SKILLS THROUGH MICRO CREDENTIAL PROGRAM FOR UNIVERSITY STUDENTS

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## ABSTRACT

The digital economic era necessitates a workforce that is independent, creative, adaptable, and innovative, capable of becoming self-directed learners. The learning landscape of the future will be highly intricate, characterized by an abundance of information, interconnectedness, and unpredictability. In the era of the digital economy, the Indonesian government requires a new breed of digital talent that is self-reliant and can drive economic innovation. While competency development is prioritized in various education and training programs, as an Educational Technologist, I emphasize the importance of a program aimed at nurturing digital talent and fostering independent learning skills, also known as Self-Directed Learning (SDL). To address this need, a development-oriented Micro Credential program focused on Self-Directed Learning has been crafted. The conceptual program design emerged from collaborative discussions involving Lambung Mangkurat University, Ganesha Education University, and the APSTPI forum. This research aims to actualize the Micro Credential Content Creator program, structured as a 2-credit course. The development process follows the ADDIE model, encompassing needs analysis, design, feasibility assessment, practicality testing, and effectiveness evaluation. It's essential to note that this research has only advanced to the prototype development stage and has not yet undergone validation. The research employs a quasi-experimental plan method utilizing a pre-test/post-test control group design. The instrument used to assess SDL skills encompasses sub-variables such as initiative, planning, identification of needs, learning actions, and self-evaluation. Rigorous validity and reliability tests have been applied to validate the research instruments. Data analysis involves an independent sample t-test after conducting prerequisite tests for normality and homogeneity

Kata Kunci: *microcredential, content creator, independent learning*