

## ABSTRAK

**ASRUL: Pengembangan Model Pembelajaran E-Lima pada Mata Kuliah Evaluasi Pembelajaran di Fakultas Ilmu Tarbiyah dan Keguruan UIN Sumatera Utara Medan. Disertasi Program Studi S3 Teknologi Pendidikan Program Pascasarjana Universitas Negeri Medan, 2023.**

Implikasi kemajuan ilmu pengetahuan dan teknologi telah mengharuskan mahasiswa untuk menguasai keterampilan abad 21 agar dapat berperan aktif dalam kehidupan masa depan. Dalam rangka mempersiapkan mahasiswa agar menguasai kompetensi tersebut, perguruan tinggi dipandang perlu untuk menyesuaikan model pembelajarannya kemajuan teknologi dan tuntutan kompetensi abad 21. Model pembelajaran yang ditawarkan adalah model pembelajaran yang memadukan pembelajaran berbasis masalah dengan pendekatan flipped classroom dalam lingkungan blended learning, yang disebut sebagai Model Pembelajaran E-Lima.

Tujuan Penelitian ini adalah untuk 1). Menciptakan model pembelajaran berbasis masalah dalam lingkungan pembelajaran campuran dengan pendekatan kelas terbalik (Problem Based Learning Blended Flipped Classroom) di UIN Sumatera Utara. 2). Mengetahui kevalidan model pembelajaran yang dikembangkan. 3). Mengetahui kepraktisan model pembelajaran yang dikembangkan. 4). Mengetahui keefektifan model pembelajaran yang dikembangkan

Penelitian ini adalah penelitian pengembangan menggunakan model pengembangan adaptasi dari Plomm yang terdiri lima tahapan, yaitu: 1) investigasi awal, 2) perancangan, 3) realisasi/konstruksi, 4) pengujian, evaluasi, dan revisi, 5) implementasi. Kevalidan model diukur berdasarkan penilaian para ahli dan dianalisis menggunakan statistik formula Aiken's V. Kepraktisan model dilihat dari penilaian dosen dan mahasiswa dan dianalisis menggunakan statistik deskriptif distribusi frekwensi. Keefektifan model dinilai berdasarkan hasil belajar dan tingkat keterlibatan mahasiswa dalam pembelajaran, dianalisis menggunakan statistik independet sample t-test.

Penelitian ini telah menghasilkan model pembelajaran E-Lima beserta perangkat-perangkat pembelajarannya. Berdasarkan penilaian para ahli dan uji coba lapangan menunjukkan bahwa model pembelajaran yang dikembangkan memenuhi syarat kevalidan, kepraktisan, dan keefektifan.

Kata Kunci: Model Pembelajaran E-Lima, *Problem based Learning, Blended Learning, Flipped Classroom.*

## ABSTRACT

**ASRUL: Development of the E-Lima Learning Model in the Learning Evaluation Course at the Tarbiyah and Teacher Training Faculty of UIN North Sumatra Medan. Dissertation of the Doctoral Program in Educational Technology, Postgraduate Program, Medan State University, 2023.**

The implications of advances in science and technology have required students to master 21st century skills in order to play an active role in future life. In order to prepare students to master these competencies, universities are deemed necessary to adapt their learning models to technological advances and the demands of 21st century competencies. The learning model offered is a learning model that combines problem-based learning with a flipped classroom approach in a blended learning environment, which is referred to as the Learning Model. E-Five Learning.

The purpose of this research is to 1). Creating a problem-based learning model in a mixed learning environment with a reverse class approach (Problem Based Learning Blended Flipped Classroom) at UIN Sumatra Utara. 2). Knowing the validity of the learning model developed. 3). Knowing the practicality of the learning model developed. 4). Knowing the effectiveness of the learning model developed

This research is development research using the adaptation development model from Plomm which consists of five stages, namely: 1) initial investigation, 2) design, 3) realization/construction, 4) testing, evaluation, and revision, 5) implementation. The validity of the model was measured based on expert judgment and analyzed using Aiken's V statistical formula. The practicality of the model was seen from the assessment of lecturers and students and analyzed using descriptive statistics of the frequency distribution. The effectiveness of the model is assessed based on learning outcomes and the level of student involvement in learning, analyzed using independent sample t-test statistics.

This research has produced the E-Lima learning model and its learning tools. Based on the assessment of experts and field trials, it shows that the learning model developed meets the requirements of validity, practicality and effectiveness.

**Keywords:** E-Lima Learning Model, Problem based Learning, Blended Learning, Flipped Classroom.