

MODEL FOR MEASUREMENT OF GRADUATES' LEARNING OUTCOMES AS AN EFFORT TO IMPROVE THE QUALITY OF EDUCATION: IMPLEMENTATION IN THE MASTER'S PROGRAM OF MATHEMATICS EDUCATION

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ABSTRACT

The Indonesian government is trying to overcome two big challenges, namely the Globalization Era, especially the ASEAN Economic Community (AEC) era and the Industrial Revolution Era 4.0 (R.I. 4.0). by increasing the competence of college graduates. To find out the competence of graduates, one way is to know the level of learning achievements of graduates. In this regard, the aim of this research is to develop a Model for Measuring Graduate Learning Achievements as an Effort to Improve the Quality of Education. This research includes applied research which begins with the development of a measurement model. The research process consists of developing an initial design in the form of a flowchart that accommodates accurate and reliable CPL, CPMK and Sub-CPMK, including a scoring or weighting guide, determining criteria, and a final CPL assessment guide. The respondents required for the focus group discussion (FGD) were five experts in mathematics education, measurement, and three application development teams. The respondents required for model testing are Master of Mathematics Education lecturers. The validity of the model is proven using direct content validity by measurement and mathematics education experts. The results of this research are: (1) CPL Measurement Model in the form of an integrated Dhasboard, (2) guide to scoring/weighting and determining criteria, (3) guide to using the model. The results of this research were published in reputable national and/or international journals, and presented in seminars at the national and/or international level and proposed as Intellectual Property Rights (IPR). This year the target is to reach TKT 4

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