

Development of Learning Material Based Teaching Instruments Learning Message Design Principles

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ABSTRACT

The purpose of this study is to produce a print-based assessment instrument based on the principles of the design of learning messages that are feasible in terms of content, and its reliability.

In order to produce products in the form of a suitable printed materials evaluation instrument this research used method of Research & Development (R & D) which is adapted from the model of Borg & Gall (1989). The stages of this research were include: (1) initial study and literature review; (2) development of initial product design that is consisted of: (a) instrument constructs, (b) instrument grilles, (c) evaluation instruments of printed materials and (d) assessment guides; (3) expert validation and product revision; (4) limited field product testing and product revision; and (5) operational field product testing and final product finalisation. Expert validation subjects consist of 2 lecturers, subject to limited product testing consisting of 6 lecturers of FIP UNY, and a operational field product test consisting of 13 students of PPs UNY. Data collected in this research used questionnaire / scale assessment and Focus Group Discussion (FGD). Furthermore, the data was collected in the form of qualitative data and quantitative data. Qualitative data were analyzed using descriptive qualitative analysis, while quantitative data were analyzed using quantitative analysis which then converted into qualitative data, namely: very feasible, feasible, unfeasible and unfeasible.

Research has resulted in a proper assessment of teaching materials. The assessment of printed materials based on the principles of the resulting message design proves to be valid from the content aspect based on the results of the validation of the instructional media experts and the assessment expert on the learning, as well as based on users judgment. Instrument assessment of printed materials based on the principles of message design produced proven reliable based on statistical test results.

Kata Kunci: *instrument assessment, printed material, instructional message design*