# Designing an Appropriate Instrument for ELT Curriculum Design Evaluation in Indonesian Higher Education

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## IAIN PALOPO

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Designing an Appropriate Instrument for ELT Curriculum Design Evaluation in Indonesian Islamic Higher Education

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#### Abstract

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This study concerns the design of an appropriate instrument to evaluate the quality of English language teaching (ELT) curriculum design (course distribution) in Indonesian Islamic higher education institutions. The research design applied in this study was one of Research and Development (R&D) in which the researchers adopted the ADDIE model, standing for Analysis, Design, Development, Implementation, and Evaluation. Then, the researcher invited two curriculum experts to validate the quality of questions included in the questionnaire. The developed draft was also validated by the experts, in order to create an appropriate questionnaire. Finally, after expert validation, the study has designed 21 questions on a questionnaire that can be utilised in evaluating course distribution in the ELT curriculum. The product of this study could be adapted or adopted by researchers conducting formative curriculum evaluation.

Keywords: Curriculum Evaluation; ELT curriculum; Formative Evaluation; Rubric Evaluation

#### Introduction

In recent years, there has been worldwide recognition of the problems associated with the demands of an appropriate higher education curriculum for the 21st-century generation. There are huge demands to create appropriate curriculums for the millennials in the wake of society's accelerating transformations in economy and technology (Zyad, 2016). Modern curriculum design

should address several skills that may play a fundamental role in the global workplace (at both national and international level) so students have opportunities equal to those of overseas graduates for better future careers in any sector (Schech et al., 2017; Westfield, 2002; Aquino et al., 2017; Kordi and Koosha, 2018). This issue presents urgent demands to address, and sets the current and ongoing challenge for Indonesian higher education institutions to design a curriculum appropriate to the aforementioned demands of the millennial generation in the 21<sup>st</sup> century (Bulusan, 2019).

To address these demands and the central challenge, the Indonesian government requires all departments in Indonesian higher education institutions (both public and Islamic) to develop their own curriculum that addresses 21st-century higher education standards. This is in line with Presidential Decree No. 8, 2012, the official endorsement of the Indonesian government to the implementation of a new curriculum concept (Insani et al., 2017; Latif, 2017; Susilo, 2015), well recognised as Kurikulum Kerangka Kualifikasi Nasional Indonesia (KKNI). This curriculum is designed to prepare all higher education graduates with adequate competences and skills to support their future careers, in both international and national markets. All graduates are expected to have not only hard skills, in terms of their understanding of theoretical frameworks and the practical domains, but also soft skills - their attitudes and values concerning other living things (human beings, animals, plants), and the universe as the whole). In addition, the teaching-learning materials should be well designed and well organised (Isik, 2018; Tomlinson, 2013) in order to stimulate students' critical thinking, creativity, leadership, collaboration, flexibility, and social skills, among other factors. These skills are comprehensively believed to play a vital role in addressing the demands of the 21st-century age of the internet (Ghaith, 2010; Gibson and Smith, 2018).

In line with government regulation from 2012 to the present day, higher education institutions do their best to design KKNI curriculums based on the directions of the Ministry of Research, Technology, and Higher Education. This applies to all study programmes, particularly in English Language Teaching (ELT) departments. Unfortunately, some still experience hardships, and struggle to address the standards of a good government-required KKNI curriculum due to the lack of human resources, facilities, and adequate budgets. This is supported by the evidence that most research articles published in open access journals still focus more on reporting the way ELT departments developed their current curriculum; surprisingly, there has been no detailed formative or summative evaluation of the effectiveness of the KKNI curriculum, even though it was implemented in 2012. It should be noted that information on what is going wrong and right with the KKNI curriculum is vital data for improving its implementation.

Generally, there are two kinds of curriculum evaluation, *Formative* and *Summative* (Taras, 2005; Haber and Mitchell, 2017). Formative evaluation comprises systematic procedures to provide information and highlight concerns in an effort to improve the quality of the curriculum. Such improvement can be carried out at the time of curriculum construction and implementation, but only when the curriculum is still in the process of development, where it focuses on the process more than on results (Richards, 2013). The main purpose of this evaluation is to provide direct input to curriculum developers regarding aspects of development that do not meet the required criteria. Data collected from this kind of evaluation is applied to improving these areas. Summative evaluation, on the other hand, is aimed at consideration of the results of curriculum development. These results can be revealed through curriculum documents, learning outcomes, or the impact of the curriculum on schools and society. With this evaluation, evaluators can consider whether a curriculum can continue because of its success and its continued relevance to the development and demands of the community, or whether it must be replaced due to failure and incompatibility with the demands of society.

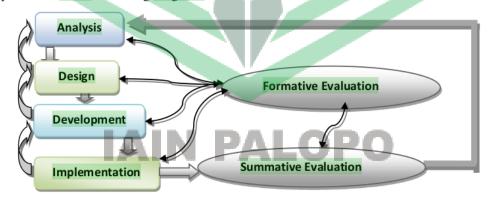
Based on the issues outlined above, there is huge demand for systematic evaluation – formative and summative – on the implementation of the KKNI curriculum, since it has been applied for approximately seven years. Several aspects of the curriculum can potentially be addressed by evaluation, such as curriculum design, implementation, and assessment. Sukirman et al. (2017) reported in their case study of one Islamic university that the course distribution in the ELT department's curriculum were badly distributed in terms of course contents and credits, with some courses overlapping with others, and credits disproportionally distributed. However, another fundamental matter to be addressed before carrying out the evaluation is an appropriate instrument to be used in collecting data – this can be in form of questionnaires, interview questions, or worksheets for observation. Such instruments play a pivotal role in collecting accurate data dealing with the strengths and weaknesses of the KKNI curriculum, and poorly designed instruments can result in invalid data. Several instruments developed by experts – questionnaires, for example – are still limited in addressing the essential characteristics of the KKNI curriculum, such as graduate profiles, learning outcomes, courses, and others. Therefore, a study on developing an appropriate instrument for evaluating the KKNI curriculum is strongly needed.

The primary aim of the present study is to design an appropriate instrument for ELT curriculum design evaluation in Indonesian Islamic higher education. The intended instrument of this study is a questionnaire that consists of several statements addressing the design of the KKNI curriculum in ELT departments. In this case, the researchers developed a questionnaire to measure how the users of the KKNI curriculum organise distribution of ELT courses from the first to the last semester. In particular, this research seeks to address the following question:

(1) What kind of questionnaire is appropriately and properly used to evaluate distribution of courses in the KKNI-based ELT curriculum applied in Indonesian Islamic higher education?

#### **Research Method**

The present study applied a research and development (R&D) research design. The main purpose of this approach was to design educational products that could positively contribute to the achievement of educational goals (Borg and Gall, 1989). Particularly, the present study adopted one of the qualified models in conducting R&D research, known as ADDIE – Analysis, Design, Development, Implementation, and Evaluation. This model was considered because it promotes steps which are simple to carry out, without ignoring the essence of the R&D principles. The design is presented in the following diagram:



#### Figure 1. ADDIE Model (McGriff, 2000 cited in Sukirman, 2018)

The diagram summarises the researchers' process in carrying out five procedures in designing the instrument based on the ADDIE model. Firstly, the researchers analysed the curriculum documents by focusing particularly on the distribution of courses in order to identify the actual conditions to be addressed in the developed questionnaire; this procedure is well known

as needs analysis (Akyel and Ozek, 2010; Benesch, 1996; Prihatin, 2018). The researchers also analysed the KKNI curriculum guidelines in order to find out their appropriateness and that of the curriculum product. Secondly, the researchers designed a questionnaire template in the form of a table and formulated appropriate statements addressing the actual condition of ELT course distribution. Thirdly, the researchers developed the template and the statements designed at the previous stage into an actual questionnaire. Then, the researchers implemented the questionnaire by trying it out on lecturers, in order to measure the readability of the statements, and to filter appropriate statements included in the questionnaire. Last but not least, the researchers carried out formative and summative evaluation on the questionnaire. Formative evaluation was conducted by involving two experts in evaluating the language used, the contents, the appropriateness, and other factors; the experts commented on the weaknesses and strengths of the questionnaire. In contrast, ummative evaluation was conducted at the end of the project development in order to make a final judgement on the product.

The data collected in this study were qualitative, obtained from the experts' and lecturers' suggestions and feedback on the quality and appropriateness of the developed questionnaire. To collect the data, the researchers used a rubric consisting of the twenty one components of the developed questionnaire commented on by the experts and lecturers. In addition to data analysis, the researchers qualitatively analysed comments, notes, and suggestions collected from the lecturers and experts (Madehang and Sukirman, 2019).

#### **Findings and Discussion**

An initial objective of the project was to develop an appropriate instrument in form of questionnaire as stated in the following research question:

(1) What kind of questionnaire is appropriately and properly used to evaluate distribution of courses in the KKNI-based ELT curriculum applied in Indonesian Islamic higher education?

To deal with the aforementioned research questions, the researchers developed a questionnaire addressing the issues of course distribution in the ELT curriculum implemented in one of the Islamic higher education institutions. More specifically, the researcher formulated questions that could provide data on how the ELT curriculum designers distributed ELT courses in the KKNI curriculum. To develop an appropriate and qualified questionnaire, the researcher

proposed that the experts endorse its contents in order to maintain readability and the validity of data being collected. Through the experts' review, it was found that some questions tended to be repetitive and overlapping, so the researchers revised them based on these suggestions. In addition to questions subject to expert validations, some questions were not appropriate, since they did not address the essence of good course distribution. Another crucial element addressed by the experts was the layout of the questionnaire, which might negatively affect the users' attention.

The experts finally approved the developed questionnaire after the researchers revised it five times, addressing all comments, notes, and suggestions provided by the experts and lecturers. The final revision of the questionnaire consisted of three sections. The first stated the purpose of the questionnaire and instructed lecturers on how to answer the questions, by placing an 'X' against the choice of answer that best suited their views (see Table 3.2). The second section dealt with the lecturers' identity, status, courses they taught, and how long they have taught, as presented in Table 3.2.

**Table 3.2.** Questionnaire section (instructions and lecturers' identity)

Section	Description
	In order to improve the performance of the ELT Curriculum in
Instruction	Islamic Universities - Indonesia, we request input from the
mstruction	lecturers by their filling out this questionnaire. Give an X in the
	answer choices that best suit your view.
	Lecturer status 🛛 Permanent Civil Servant
	Permanent Non Civil Servant
Lecturers'	Honorary
20000000	Course taught 1
identity	2:
	Month(s)

The last section comprised the main contents of the questionnaire. It consisted of four columns with the main titles 'No', 'Conditions', 'Questions', and 'Answer'. The questions were designed to address the curriculum design. These questions dealt with course organisation, course names, course descriptions, compulsory and optional courses, course credits, and so on. There are

21 (twenty one) questions addressing the design of the KKNI curriculum, as presented in Table 3.3. The answers column was particularly designed to collect quantitative data by using Likert Scale, and to collect qualitative data by asking respondents to provide objective reasons for their replies.



Table 3.3. Lecturers' Questionnaire for the design of the KKNI-based ELT curriculum

			30
3	The Educational Philosophy	In your opinion, is it	□ Strongly Agree
	course as applied to the	appropriate to present	□ Agree
	philosophy of education in the	the course in Semester	Neither agree nor disagree
	realm of education presented in	III to students who	Disagree
	Semester III is aimed at enabling	require sufficient ability	Strongly Disagree
	prospective educators or teachers	and maturity to	Explain your reason
	to understand educational goals	understand the learning	
	that are in line with the goals of	material in philosophical	
	human life.	content?	
			22
4	A Lesson Plan course is	Can the material content	□ Strongly Agree
	presented in Semester V	be adjusted to the	□ Agree
		specifications of the ELT	□ Neither agree nor disagree
		department?	Disagree
			□ Strongly Disagree
			Explain your reason
		-	
	LAIN	DALO	
	IAIN	FALUI	TU
5	In some segments, Learning	Do you agree that the	□ Strongly Agree
•	Evaluation courses presented in	two courses should be	□ Agree
	Semester V tend to overlap the	integrated into an	□ Neither agree nor disagree
	·	English Learning	<ul> <li>Disagree</li> </ul>
		Evaluation course?	
	presented in Semester VI.	Evaluation course?	Strongly Disagree

			Explain your reason
6	In some segments, the Learning	Do you agree that the	□ Strongly Agree
	Strategy courses presented in	two courses should be	□ Agree
	Semester IV tend to overlap the	integrated into one	□ Neither agree nor disagree
	TEFL I courses presented in	English and Language	□ Disagree
	Semester VI and TEFL II	Learning Strategy and	□ Strongly Disagree
	presented in Semester VII.	Method course?	Explain your reason
	presented in Semester v II.	Withind course :	-
7	The course of Learning	Can the material content	□ Strongly Agree
	Technology (equivalent to	be adjusted to the	□ Agree
	Learning Media) is presented in	specifications of the ELT	□ Neither agree nor disagree
	Semester IV.	department?	Disagree
			Strongly Disagree
			Explain your reason

8	In some segments, Curriculum	Do you agree that the	□ Strongly Agree
	Development courses that are	two courses should be	□ Agree
	presented in Semester V tend to	integrated into a course	Neither agree nor disagree
	overlap with ELT Curriculum	on Curriculum	Disagree
	and Material Development	Development and	Strongly Disagree
	courses presented in Semester	English Language	Explain your reason
	VI.	Learning Materials?	
		<b>▲</b>	
)	In some segments, the Research	Do you agree that the	Strongly Agree
	Methods courses presented in	three courses should be	□ Agree
	Semester V tend to overlap with	integrated into one	□ Neither agree nor disagree
	Research in ELT courses and	Research Methodology	Disagree
	Classroom Action Research.	course in English	Strongly Disagree
		Language Teaching?	Explain your reason
	ΙΔΙΝ	PALO	PO
	1/4114		
l	In the curriculum there are	According to you, is the	□ Strongly Agree
)	structured courses such as	presentation of different	□ Agree

	Vocabulary I and II, Structure I,	learning content	Neither agree nor disagree
	II, and III, and the like.	significant?	Disagree
			Strongly Disagree
			Explain your reason
		1 k	
1	Translation I and II courses are	In your opinion, does the	□ <mark>St</mark> rongly Agree
1	presented in advance of	current arrangement	□ Agree
	Semantics, Sociolinguistics and	affect the understanding	□ Neither agree nor disagree
	Cross Cultural Understanding	of meaning and culture	Disagree
	courses; while translation	for those taking the	□ Strongly Disagree
	courses require an understanding	Translation courses?	Explain your reason
	of the meaning of Semantic,		
	Sociolinguistic, and Culture		
	from Cross Cultural		
	Understanding and		
	Anthropolinguistics (not in the		
	structure) before studying		
	Translation.		
	ΙΔΙΝ	PALO	P <b>O</b>
1	In the 2013 Curriculum for	Do you think that the	□ Strongly Agree
2	language specialisation in high	Anthropolinguistics	□ Agree
	school, students are required to	course should be	□ Neither agree nor disagree
	take part in Anthropology classes	included as one of the	Disagree
	directed towards understanding	compulsory subjects in	Strongly Disagree
	the relationship between foreign	the ELT department?	Explain your reason
	languages and foreign cultures.		

1	The Discourse Analysis course is	Do you think that this	Strongly Agree
3	a study that examines or analyses	course should be	□ Agree
	the language used naturally, both	presented as one of the	□ Neither agree nor disagree
	in written and oral form, so that	compulsory subjects in	Disagree
	students understand the nature of	the ELT department?	Strongly Disagree
	language, the process of		Explain your reason
	language learning, and language		••••••
	behaviour.		
			••••••
1	The Pragmatics course examines	Do you agree that the	□ Strongly Agree
4	the purpose of using language in		□ Agree
	its context.	included as a	□ Neither agree nor disagree
		compulsory subject in	□ Disagree
		the ELT department?	□ Strongly Disagree
		DALO	Explain your reason
		FALO	

1	Unlike the Introduction to	Do you agree that the	□ Strongly Agree
5	Linguistics courses that aim to	subject of Language	□ Agree
3	study the clarity of language,	Philosophy should be	□ Neither agree nor disagree
	Language Philosophy aims to	included as a	Disagree
	examine the nature of language.	compulsory subject in	□ Strongly Disagree
		the ELT department?	Explain your reason
			••••••
		38	
1	Teaching English and Teaching	Do you agree that the	Strongly Agree
6	English Literature are two	Teaching English	□ Agree
	different subjects, and both are	Literatures course	□ Neither agree nor disagree
	taught in secondary schools.	should be included as a	Disagree
		required subject to	Strongly Disagree
		accompany the	Explain your reason
		Introduction to	
		Literatures course?	
	IAIN	DALO	
		FALU	<b>TU</b>
1	Unlike Psycholinguistics, which	Do you think that this	□ Strongly Agree
7	reviews how language is first	course should be	□ Agree
	obtained and processed by	presented as one of the	□ Neither agree nor disagree
	humans, the Second Language	compulsory subjects in	Disagree
	Acquisition course is a study of	the ELT department?	□ Strongly Disagree
	bilingualism or bilingualism and		Explain your reason

its influence in learning foreign	
languages.	
	•••••
	•••••
	4
In accordance with the concept, In your opinion, is it still	□ Strongly Agree
elective courses are logically worth maintaining this	□ Agree
optional or can be chosen by model of presentation of	□ Neither agree nor disagree
students based on their interests. elective courses, without	Disagree
In theory, elective courses can be flexibility for students to	Strongly Disagree
packaged (for example, 1 choose courses that they	Explain your reason
package of 4 interrelated are interested in?	
courses) or one per unit is	
selected, according to the	
number of credits required for	
fulfilment.	
On the university's With this programme, is	□ Strongly Agree
recommendation, the language it still relevant to include	□ Agree
programme from the Language English and Arabic	□ Neither agree nor disagree
Development Centre requires all courses in the group	Disagree
students without exception to subject structure?	Strongly Disagree
take foreign language learning	Explain your reason
(English and Arabic).	

2	In the concept of the Semester In	n your opinion, with the	Strongly Agree
0	Credit Unit, with a 'shopping' co	oncept of SKS	□ Agree
	system (not a package), students sh	hopping, is it still worth	□ Neither agree nor disagree
	are given the freedom to choose m	naintaining the package	□ Disagree
	unstructured courses in the sy	ystem?	Strongly Disagree
	current semester, or in higher or		Explain your reason
	lower semesters, according to the		
	capacity of students planning and		
	completing a programme of	- 🗼	
	lectures, with a maximum limit	<b>X</b>	
	of 24 credits.		
2	The ELT Curriculum contains a Ir	n your opinion, are	□ Strongly Agree
1	number of general courses and a co	ourses presented and/or	□ Agree
	number of expert courses to ta	ught in line with the	D Neither agree nor disagree
	develop graduate competencies.	emands of the	🗆 Disagree
		orkforce?	□ Strongly Disagree
			Explain your reason
	IAIN	PALOI	
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The options within this questionnaire were designed by adapting the Likert Scale (Ivanov et al., 2018), an approach favoured by many researchers in developing their research instruments.

The product of the present study completely supports the concept of the Likert Scale questionnaire in evaluating the course distribution in the ELT curriculum. This use of the developed questionnaire is expected to improve the quality of teaching materials for each course in ELT departments in Indonesian Islamic higher education, based on the criteria proposed by Işik (2018).

#### **Conclusion and Recommendation**

This study set out to develop an appropriate instrument for evaluating the course distribution in the KKNI ELT curriculum implemented in Indonesian Islamic higher education. One of the more significant outcomes of this study is the researchers' success in designing a questionnaire that could be utilised in analysing course structures in the ELT curriculum. An implication of this is the possibility that curriculum workers can adopt or adapt the questionnaire in conducting formative curriculum evaluation in ELT departments; this can help them to save time, money, and energy, because this questionnaire offers them an alternative approach. One of the strengths of this study is that it presents a comprehensive model of questionnaire design, based on the suggestions and feedback of experts – it can be claimed that this questionnaire is totally appropriate for the curriculum workers. In contrast, the present study was also subject to a number of potential methodological weaknesses, since the researchers conducted experts' validation only to measure the readability and appropriateness of the questionnaire. In addition, the experts' responses were subjective, and therefore susceptible to recall bias. Therefore, further investigation and experimentation into this questionnaire is strongly recommended.

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