



UNIVERSITI  
TEKNOLOGI  
MARA

College of  
Built Environment

# Poster Book

**IIIDBEE X 2023**  
20 JANUARY 2023  
*International Invention, Innovation & Design Exposition  
for Built Environment and Engineering 2023*

**College of Built Environment  
UiTM Puncak Alam**  
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# TnL-A THROUGH IERA-STAGES: STRATEGIES FOR BQS406 CONTENT DEVELOPMENT

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## INTRODUCTION

Education system in any countries can be considered as one of the foundation of its economic growth and development. Through a proper education content development, people will be provided with the skills and knowledge that lead to self improvement and nation's growth. The enrichment of content development in education is among the important and actual tasks of teaching and learning nowadays by expanding the scope of knowledge and skills, increasing creativity and quality of students.

## OBJECTIVES

- To highlight the adaptation of IERA-Stages: Strategies for BQS406 Content Development to the teaching and learning methods and form of assessment
- To determine the implementation of those strategies in the related course.

## METHODOLOGY

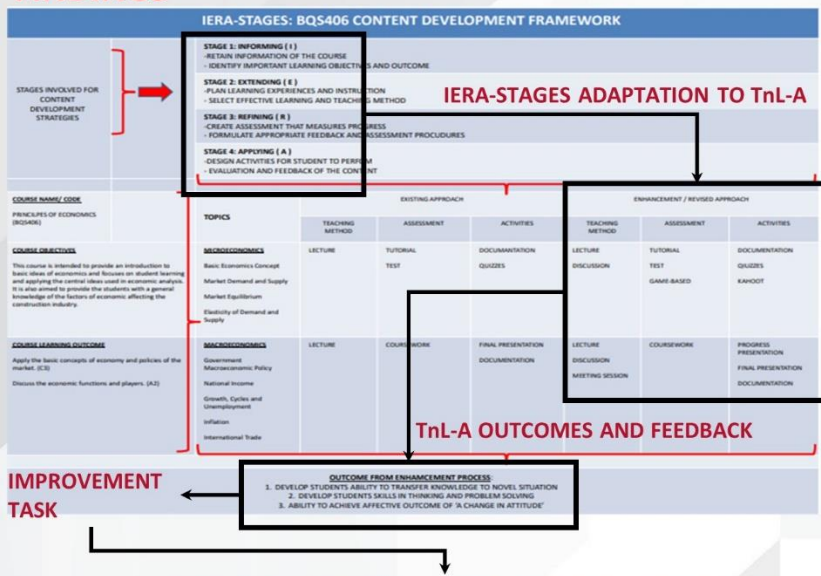
An extensive literature review ;  
to obtain the content development for education, at large.  
Experimental;  
done to the 80 students of AP224 Semester 01;  
BQS406 course, to obtain the outcome in depth.

## ISSUES/ PROBLEM

- Educational teaching and learning are constantly changing. However the need of high-quality content has never change.
- With the availability of different content formats, many educational institutes struggle to keep the content consistent and strategic. Educational institutions need to alter the content strategy to keep up with the transformation and it need to comprehend students' goals and needs, and then respond to those with engaging content.
- There is a need to develop high-quality courses for traditional, online, and hybrid learning through several strategies with technology and faculty support to develop highly effective courses
- Universiti Teknologi MARA also emphasised on the interactive teaching and learning approach, by establishing Education 5.0 @ UiTM.

(Sixredmarbles, 2023; Hurix, 2021; Team\_Embibe, 2022; Janipha, et. al, 2022: Academic Affairs Division UiTM, 2019)

## FINDINGS



## NOVELTY

ENHANCED BQS406 CONTENT DEVELOPMENT

- Was developed to have more interactive learning approach, more informative and structured course content and formative assessment application

IMPROVED EXISTING CENTRE OF STUDIES FOR QUANTITY SURVEYING SYLLABUS

- Ensure all courses are efficient and students' learning experiences are meaningful and exciting

SUPPORT EDUCATION 5.0 @UiTM, IR 4.0

- Help to reinforce UiTM education and Governments' objectives to inspire Malaysians

## RECOGNITIONS

BRONZE AWARD: IERA-STAGES: BQS406 CONTENT DEVELOPMENT (INNOVATORS 2022: HITEL TEACHING AND LEARNING INNOVATION COMPETITION 2022)

## COMMERCIALIZATION

The implementation strategies of course content was done for Principles of Economics subject (BQS406) under the Centre of Studies for Quantity Surveying.

## TnL-A THROUGH IERA-STAGES FRAMEWORK

1	2	3	4	5	6	7	8	9	10	11	12	13	14
<b>LECTURE PLAN</b>													
<b>MICROECONOMICS</b>							<b>MACROECONOMICS</b>						
INTRO	BASIC ECO CONCEPT	DEMAND (DD) & SUPPLY (SS)	MARKET EQUILIBRIUM	ELASTICITY OF DD & SS	GOVT POLICIES	NATIONAL INCOME	BUSINESS CYCLE & UNEMPLOYMENT	INFLATION	INT. TRADE	FEEDBACK			
<ul style="list-style-type: none"> <li>QUIZZES ; TEST</li> <li>GAME-BASED ; KAHOOT</li> <li>FORUM SESSION ; DISCUSSION</li> </ul>							<ul style="list-style-type: none"> <li>PROGRESS PRESENTATION</li> <li>DISCUSSION</li> <li>FINAL PRESENTATION</li> <li>INDIVIDUAL ASSESSMENT</li> <li>GROUP ASSESSMENT</li> <li>PEER REVIEW</li> </ul>						
<b>TEACHING &amp; LEARNING-ASSESSMENT</b>													
<ul style="list-style-type: none"> <li>INDIVIDUAL ASSESSMENT</li> </ul>													

## CONCLUSION

To develop content, effective strategies and methodology should be implemented. Academicians should play a major role in course content and imparting knowledge and skills to the students.

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- 1.INNOVATORS 2022: HITEL TEACHING AND LEARNING INNOVATION COMPETITION
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