



الجامعة الإسلامية العالمية ماليزيا
INTERNATIONAL ISLAMIC UNIVERSITY MALAYSIA
يُونَيْتِي اِسْلَامًا اَنْبَارًا اَجْسًا مِلْدَسًا

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Garden of Knowledge and Virtue

TAWHIDIC EPISTEMOLOGY
LEADING THE WAY

UMMATIC EXCELLENCE
LEADING THE WORLD

KHALIFAH • AMANAH • IQRA' • RAHMATAN LIL-'ALAMIN

KICT NEWSLETTER

SPECTRUM

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KICT Ibadah Camp 2025

Islamic Civilization as Saviour to Mankind

IIUM TAKRIM AWARDS 2025 & FESTIVAL OF IDEAS

Tawhidic and Ummatic Excellence

IIUM VISION 2077

A New Hijrah of the Muslim Ummah of Malaysia

INTERNATIONAL RESEARCH PROJECT OLYMPIAD

Gold Medal Achievement of IIUM'lo Teams

THE NEXT BIG THING START-UP COMPETITION

KICT IIUM Shines with Double Win

PROF ZEYNEP TUNCER VISIT TO KICT

Collaboration Beyond Boundaries

USK-IIUM RESEARCH COLLABORATION

Strengthening Academic and Research Capacity

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TABLE OF CONTENTS

MESSAGE FROM THE EDITOR	3
ARTICLE OF THE MONTH	
• OBE Series #5: Calculating CLO Weightage for Each Assessment Component	4
REPORTS ON ACTIVITIES & ACHIEVEMENTS	
• Ibadah Camp 2025: Islamic Civilization as Saviour to Mankind	6
• IIUM Vision 2077: A New Hijrah of the Muslim Ummah of Malaysia	9
• Gold Medal Achievement of IIUM IoTeams at IRPrO 2025	11
• KICT Double Win at the Next Big Thing Start-up Competition	14
• Prof Zeynep Tuncer Visit: Collaboration Beyond Boundaries	17
• Strengthening International Collaboration - USK & IIUM	20
APPOINTMENTS & PROMOTIONS	23
AWARDS AND RECOGNITIONS	
• KICT Takrim Award 2025	28
• IIUM Takrim Award & Festival of Ideas	33
RESEARCH ACHIEVEMENTS	35
POSTGRADUATE STUDENTS ACHIEVEMENTS	
• Completion of PhD Viva Voice	36
• Completion of Dissertation	37
• Completion of Computing Project	37
• Completion of Proposal Defense	38
• PTEM Accomplishment	39
TALK & SEMINARS	40
RESEARCH TIPS AND FAQ	42
PUBLICATIONS	44

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Message from the Editor

Dear Readers,

Welcome to the 7th issue of our newsletter, and the very first prepared by the **new editorial board**. I am delighted to have such a committed team on board as we work together to strengthen and enrich this platform.

This issue also marks a new beginning with the rebranding of our newsletter as **KICT Spectrum**. The name Spectrum was chosen to reflect the wide range of research, achievements, and engagements that define KICT. Just as a spectrum unites diverse colors into a single whole, our Kulliyyah members & students, contribute across varied yet connected areas of excellence.

In these issue, we present highlights on awards and recognitions, student achievements, and community activities, alongside insightful articles, seminars, and research activities. Together, we showcase KICT's enduring commitment to academic excellence, technological advancement, and impactful knowledge-sharing.

As we open this new chapter, we hope KICT Spectrum will continue to inform, inspire, and celebrate the vibrant spirit of our community.

Best regards,
Hazwani
Chief Editor

OUTCOME-BASED EDUCATION SERIES #5

Calculating Course Learning Outcome (CLO) Weightage for Each Assessment Component

Based on the Guidelines to Good Practices (GGP): Assessment of Student Learning, to prepare for course assessment plan and to calculate the weightage of assessment per Course Learning Outcome (CLO), you will need the following information:

A.	State the credit hour for your course.
B.	State the total Teaching time allocated for the course or Total Student Learning Time.
C.	State your method of assessment.
D.	Determine Teaching time allocated by CLO (D1) or the SLT by CLO (D2) based on the emphasis placed on each CLO and method of assessment.
E.	<p>Calculate the weight of each assessment.</p> $\left(\frac{\text{HRS Spent on Topic} \times \text{Time spent Teaching/Learning for each CLO}}{\text{Total Course Hours} \times \text{Total Teaching/Learning for the course}} \right) \times 100$ <p>The sum of the assessment weight must equal to 100%.</p>

The following is an example:

This course consists of 50% coursework (covering CLO2 and CLO3) and 50% final examination (covering CLO1 only). There will be two assessments for the coursework:

- 1) Assignment – 30%, and
- 2) Group Project and Presentation – 10% + 10%

A) Credit Hour		3		
B) Total SLT/Teaching Time		120 / 42		
CLO	C) Method of Assessment (proposed %)	D1) Teaching time by CLO (hrs)	D2) SLT for CLO (hrs)	E) Weightage checks → Final Weight
CLO1: Demonstrate a comprehensive understanding of fundamental concepts in network infrastructure, including communication protocols, networking topologies, network standards, and components. (C3, PLO1)	Final Examination (50%)	21	56	D1% = $21/42 = 50\%$ → D2% = $56/120 = 46.7\%$ → Final Weight = 50%
CLO2: Display the acquired knowledge to analyse, design, and implement network infrastructures in practical, real-world scenarios. (P4, PLO3)	Assignment (30%)	12.6	40	D1% = $12.6/42 = 30\%$ → D2% = $40/120 = 33.3\%$ → Final Weight = 30%
CLO3: Present an in-depth analysis of network infrastructure management strategies and problem-solving within a team-setting. (A2, PLO4)	Presentation (10%) + Group Project (10%) = 20%	8.4	24	D1% = $8.4/42 = 20\%$ → D2% = $24/120 = 20\%$ → Final Weight = 20%

Perform a check to ensure that the total assessment weight equals 100%.

D1 totals: $21 + 12.6 + 8.4 = 42$ hrs (100%)

D2 totals: $56 + 40 + 24 = 120$ hrs (100%)

Assessment totals: $50\% + 30\% + 20\% = 100\%$.

How to choose the final weight:

For each CLO, take the D1% (share of teaching time) as the primary indicator and confirm it's consistent with the D2% (share of SLT). If both are aligned (within a few percent), fix the Final Weight to the near assessment percentage (50/30/20 in the given example).



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