Fundamentals of Outcome-Based Education:
Industry 4.0 Perspective

Want to gain extra knowledge to excel in the Academic world?
Interested to enhance your industrial experience into the academic program?
Having challenges when designing an effective program?

Introduction

This is the basic and fundamental program specially designed for fresh graduates or new lecturers who would like to venture themselves into the academic world. The requirement of the academic world and the industrial world are very different. In the academic world, it is essential to maintain certain requirement to fulfil both the candidates and also the accreditation requirement. For instance, lecturers are expected to know basic elements of course design according to Malaysian Qualifications Framework, the COPPA and COPIA, lecturing pedagogy, outcomes based evaluation. In addition, this program helps to create the right corporate culture in teaching and learning higher education environment. This program helps academicians to revisit on the fundamental concept of lecturing and promoting in their career pathway.

Program Objectives

This program aims to
- Provide awareness for the academician of the world of academic
- Expose fresh academicians towards the Malaysian Qualifications Framework
- Assist academicians to teach, engage, evaluate candidates according to outcome based learning.

Learning Outcomes

After completing this program, participants should be able to
- Understand the role and basic requirement of MQA
- Improve their teaching styles to fulfil the needs of Millineals learners.
- Update the program outline to increase employability of the candidates
- Create an evaluation and assessment with higher standards

Who Should Attend?

Junior and senior academicians and anyone who wish to enhance their research skills

Methodology

Case studies, forum discussion, role-play, presentations, gamification

Program Outline

Time	Day One
9.00am– 10.30am	**Evolution and Higher Learning Education** In this module, participants would learn the changes of direction in higher education with the industrial revolution era. This gives the fundamental for educators and lectures a better understanding of higher education.
10.30am-11.00am	**Break and Networking**
11.00am-1.00pm	**Understanding of Malaysian Qualifications Framework (MQF)** This module helps participants to understand the MQF. The participants would learn the differences in the level of the programs and the implication of the program in term of the criteria and requirement.
1.00pm-2.00pm	**Lunch Break and Networking**
2.00pm-3.30pm	**Fundamental of Program Outline and Objective Mapping** In this module, participants would have the hands-on knowledge on how to do mapping according to program objectives, the course objectives. The participants would learn the mapping system on how to map between program outlines, program objectives, learning outcomes and the overall of the program.
3.30pm-4.00pm	**Break and Networking**
4.00pm-5.00pm	**Fundamental of Student Learning Time (SLT) and Program Design** This program shares the fundamentals of student learning time. The participants would learn the face to face and non-face to face. The candidates also would be exposed to different activities during non-face to face, the conversion of assignment to SLT.

Time	Day Two
9.00am– 10.30am	**Understanding Millennials Learning Style** In this module, participants would learn the millennials learning style especial the integration of technology in learning. The participants would also be exposed to the various methods to optimise engagement with the students with technology.
10.30am-11.00am	**Break and Networking**
11.00am-1.00pm	**Teaching Notes and Presentation for the Millennials** In this module, the participant would start to prepare to teach notes and presentation according to the new learning style of the millennials. The millennials expect a different type of slides presentation to engage with them as the fundamental of outcome-based education
1.00pm-2.00pm	**Lunch Break and Networking**
2.00pm-3.30pm	**Familiarise with Rubric for Assessment** The participants would learn how to design a rubric according to the program learning outcomes. By the end of the program, the participants would be able to apply rubric for assessment for their students as the outcome-based learning.
3.30pm-4.00pm	**Break and Networking**
4.00pm-5.00pm	**Examination and Program Evaluation** This module helps participants to review the examination perspectives in the outcome-based education. The participants would be exposed to various ways of evaluation according to the outcome-based learning.