



# What's what FSKM

EISSN: 2756-7729

## UNBOXING FEELINGS:

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HAPPINESS THROUGH  
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## INNOVATION COMPETITIONS:

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SMARTER MOSQUES

How Chess  
Sharpens Your  
Mind and Math  
Skills

BEYOND THE CLAIM  
OF RANDOM  
SAMPLING

# TEACHING & LEARNING IN LINE WITH MQF2024: PREPARING FUTURE-READY GRADUATES

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## Introduction

The **Malaysian Qualifications Framework (MQF) 2024** marks a significant milestone in higher education reform, aligning academic standards with global benchmarks while ensuring local relevance. For both lecturers and students, this updated framework emphasises a holistic approach to teaching and learning. It nurtures not only **intellectual capability** but also **ethical values, employability skills, and adaptability to rapid technological changes**. To illustrate this transformation at a glance, Figure 1 highlights the key emphases introduced in MQF 2024, which serve as the foundation for future teaching and learning practices.



Figure 1: New emphasis in MQF 2024

## Key Shifts in Teaching and Learning

### 1. Holistic Graduate Attributes

MQF 2024 places equal emphasis on **cognitive** (knowledge), **psychomotor** (skills), and **affective** (values) domains. This paradigm shift necessitates teaching methods that extend beyond traditional lectures, fostering critical thinking, collaboration, and creativity.

### 3. Flexible Delivery Modes

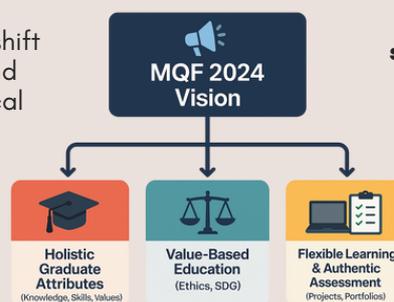
The post-pandemic era has **reshaped the landscape of teaching and learning**. Recognising this shift, MQF 2024 embraces blended learning, online learning, and hybrid approaches as mainstream educational strategies. This **increased flexibility** empowers students to learn at their own pace while leveraging digital tools and platforms.

### 2. Value-Based Education

MQF 2024 highlights the role of lecturers in embedding values such as **ethics, social sustainability, and social responsibility** into course content and classroom activities. For instance, case studies and projects can be designed to integrate real-world ethical dilemmas and sustainable practices.

### 4. Authentic Assessment

Instead of relying solely on examinations, MQF 2024 **promotes assessment strategies that reflect real-world scenarios**. Approaches such as portfolios, simulations, and project-based assessments provides students opportunities to demonstrate both their knowledge and its application.



## Implications for Educators

For lecturers, aligning teaching and assessment practices with MQF 2024 requires innovation, adaptability, and a student-centered mindset. Courses should be designed with a strong emphasis on learning outcomes, while teaching strategies should incorporate technology, promote inclusivity, and encourage active learning. This transformation ensures that graduates are not only academically competent but also industry-ready and ethically grounded.

## Conclusion

Teaching and learning guided by MQF 2024 provides a clear pathway for producing future-ready graduates. At the same time, universities can also fulfil their mission of shaping graduates who are competent, responsible, and adaptable in an ever-changing world.

### References

- Syamsul Nor Azlan bin Mohamad (2025). MQF 2024 Handbook Bahagian Pentaksiran & Penilaian Akademik 3 ISBN 978-967-19502-3-2  
Suhaimi AbdulTalib (2025). Implementing Malaysian Qualification Framework 2<sup>nd</sup> Edition (Updated 2024)(MQF 2024)