# MALAYSIAN EDUCATION SYSTEM AND HIGHER EDUCATION QUALIFICATIONS

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*Ulang Tahun Ke-*
**25**
1997 - 2022 *Jubli Perak*

**PENDIDIKAN TINGGI BERKUALITI GLOBAL**
*Global Quality Higher Education*

# Khairul Salleh bin Mohamed Sahari, PhD

## Tertiary Education

**Bachelor of Mech. Eng.**
- Waseda University (1996-2000)

**Master of Mech. Eng.**
- Kanazawa University (2000-2002)

**PhD (Engineering)**
- Kanazawa University (2002-2006)

**Post-Doctorate**
- Kanazawa University (2006-2007)
- Kanazawa University (2010)- MOSTI

## Working Experience

**Universiti Tenaga Nasional**
- 2007-

**Malaysian Qualifications Agency**
- 2019-
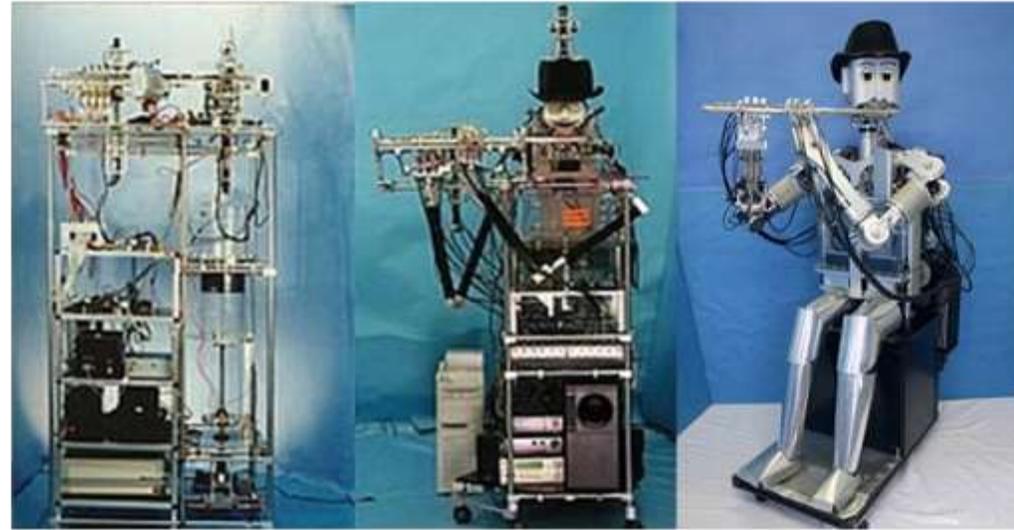


**Anthropomorphic Flutist Robot**



**Clothes Manipulation Robot**

# Research Journey @ CAMARO, UNITEN

## ≫ Inspection robots

### Boiler Header Inspection
- To assist in boiler header inner inspection (visual)
- 3 prototypes developed
- Can cover boiler headers/pipes with diameter of 80mm and above <200mm
- 1 patent filed, 1 pending submission

### Boiler Tube Inspection
- To assist in boiler tube inspection (visual, inner)
- 2 prototypes developed
- Can cover tubes of size 1nch above
- 1 patent filed

### Power Line Inspection
- To assist in transmission and distribution line inspection
- 1 prototype developed
- Still under development

### Radiological Survey
- To assist in radiation mapping using novel method

## ≫ Home service robots

### Clothes Manipulation
- To model clothes using particle based perception
- To use DL for recognition and classification (CNN)
- To propose strategies for clothes manipulation

### Mobile robot navigation
- Mapping and localization, obstacle avoidance techniques (i.e. negative obstacle detection etc)
- To build mobile platform for HSR

### Manipulator
- Redundant, flexible arm
- High acceleration arm
- End effector development

### Humanoid robot
- CAMARO's own small scale Humanoid robot

## ≫ Machine Learning

### LSTM, CNN, RNN
- Recognition of primitive behaviors on humanoid robots enables the learning of more complex behaviors
- Robot executes a behavior and verify the behavior in comparison to the correct behavior. (i.e. learning walking gait, learning object manipulation behavior)

## ≫ ROS- Android

### Machine-Robot-Interaction
- Communication between handheld devices and ROS-enabled machines/robots

## ≫ Other robots

### Rostrum robot
- Developed for UNITEN convocation

### Dugong robot
- Swims like a Dugong (using tail movement for propulsion)

EDUCATION LANDSCAPE

# EDUCATION & TRAINING
## LANDSCAPE



**SECTOR OF HIGHER EDUCATION**

| PUBLIC | PRIVATE |
| --- | --- |
| UNIVERSITIES & UNIVERSITY COLLEGES | |
| POLYTECHNICS | INSTITUTES & COLLEGES |
| COMMUNITY COLLEGES | |

**SECTOR OF EDUCATION**

| PUBLIC | PRIVATE |
| --- | --- |
| INSTITUTE OF TEACHER EDUCATION | |
| VOCATIONAL COLLEGES | |
| SCHOOLS | |

**MINISTRY OF HUMAN RESOURCES**

| PUBLIC | PRIVATE |
| --- | --- |
| SKILLS TRAINING INSTITUTES | |

Industry - Upskilling & reskilling

**OTHER MINISTRIES**

**PUBLIC**

SPECIALIZED TRAINING INSTITUTES
*ARTS & CULTURE, AGRICULTURE, VETERINAR, ISLAMIC STUDIES, HEALTH, COOPERATION ETC.

# HIGHER EDUCATION LANDSCAPE

**Public Universities**

## 20

**Polytechnics**

## 36
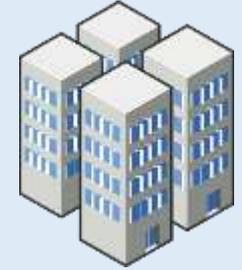
# HEIs

**Community Colleges**

## 105

**Private HEIs**

## 403

59 Universities

10 Foreign Branch Campuses

33 University Colleges
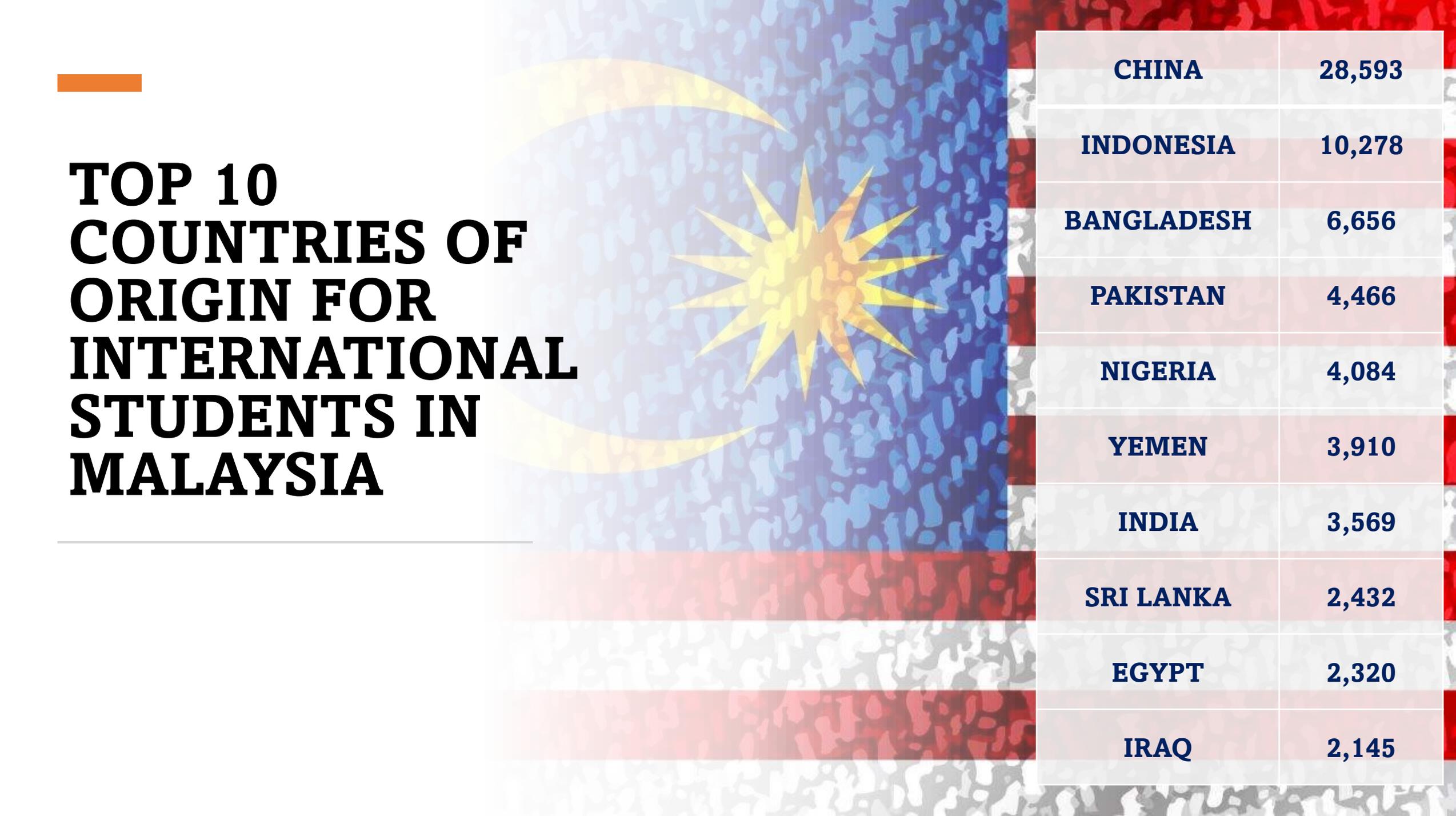
# TOP 10 COUNTRIES OF ORIGIN FOR INTERNATIONAL STUDENTS IN MALAYSIA

| Country | Students |
| --- | --- |
| CHINA | 28,593 |
| INDONESIA | 10,278 |
| BANGLADESH | 6,656 |
| PAKISTAN | 4,466 |
| NIGERIA | 4,084 |
| YEMEN | 3,910 |
| INDIA | 3,569 |
| SRI LANKA | 2,432 |
| EGYPT | 2,320 |
| IRAQ | 2,145 |

# National Education System
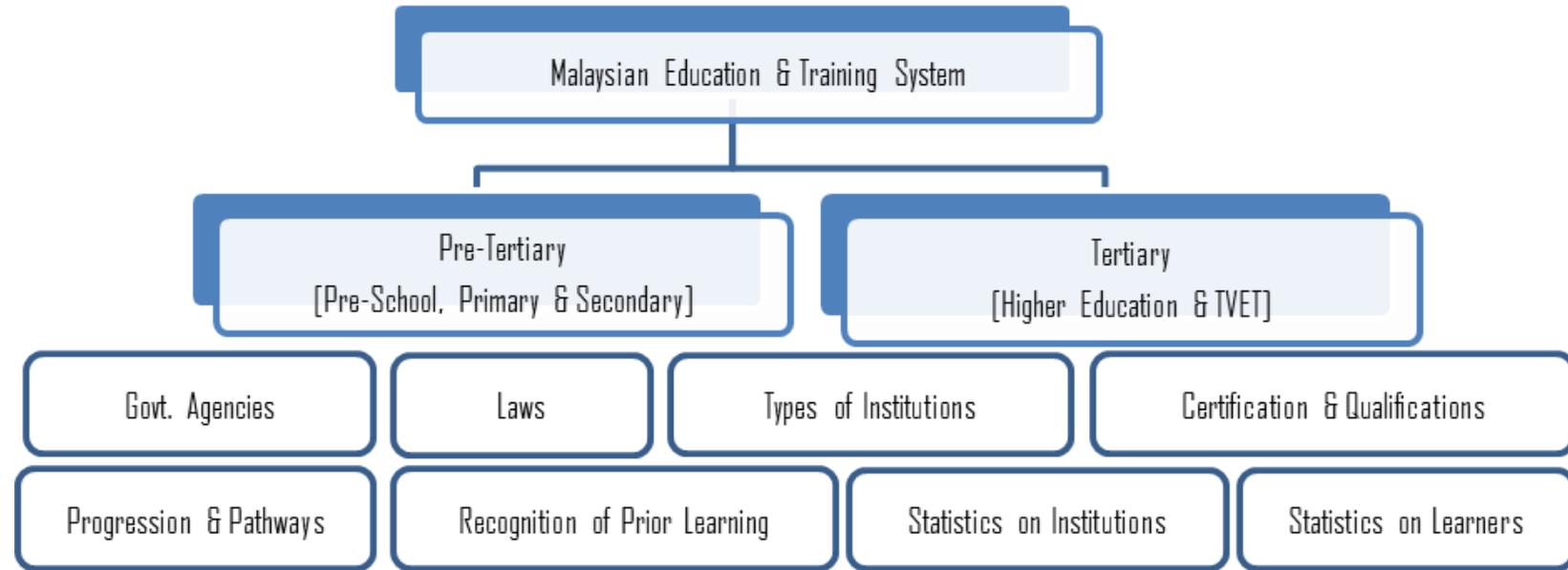


- The Malaysian national education system can be divided into five stages namely pre-school education, primary education, secondary education, post-secondary education and tertiary education

# National Education System



Degree

| Form 6 (F6) | Matriculation | Diploma |
| --- | --- | --- |

National Exam: SPM

Upper Secondary F4-F5 (Age: 16-17)

~~National Exam: PT3~~

Lower Secondary F1-F3 (Age: 13-15)

~~National Exam: UPSR~~

Primary Y1-Y6 (Age: 7-12)

Pre-School (Age: 5-6)

**PENDIDIKAN TINGGI BERKUALITI GLOBAL**
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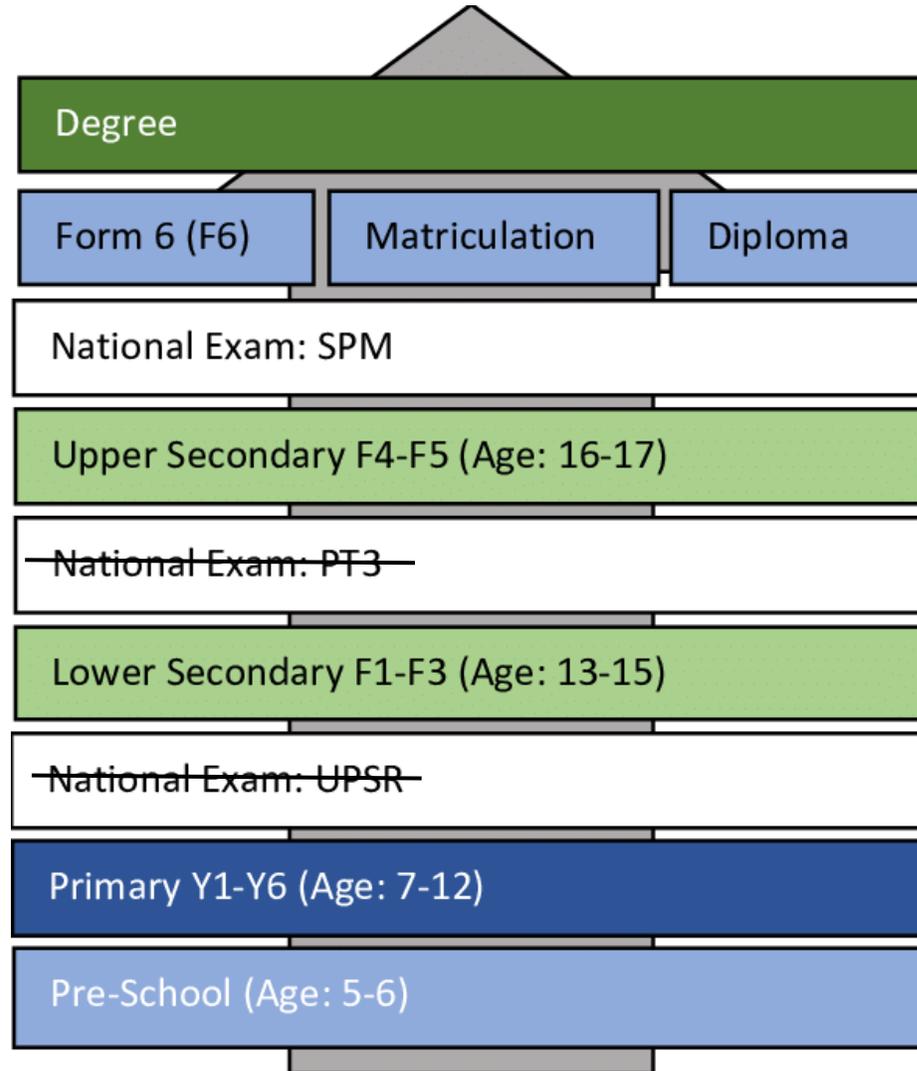
| YEAR | AGE | LEVELS | SECTORS | | | | | ACCREDITATION OF PRIOR EXPERIENTAL LEARNING (APEL) (ADMISSION CRITERIA) |
|---|---|---|---|---|---|---|---|---|
| | | | ACADEMIC | Technical & Vocational | | | Skills | |
| | | | Universities/ Colleges/ Degree Granting Institutions | Polytechnic | Community Colleges | Vocational Colleges | Skills Training Centres | |
| 21 | 27 | Tertiary | Doctoral Degree 3 years | | | | | |
| 20 | 26 | | | | | | | |
| 19 | 25 | | | | | | | |
| 18 | 24 | | Master's Degree 1-2 years | | | | | Master's Degree- 30 years old + relevant work experience + passed APEL assessment |
| 17 | 23 | | | | | | | |
| 16 | 22 | | Bachelor's Degree 3-4 years | | | | | Bachelor's Degree- 21 years old + relevant work experience + passed APEL assessment |
| 15 | 21 | | | Advanced Diploma 1 year | Progression of Diploma & Advanced Diploma to Bachelor with credit transfer | | Malaysian Skills Advanced Diploma (DLKM)* 1.5 years | |
| 14 | 20 | | | Diploma 2 years | | Malaysian Vocational Diploma (DVM) 2 years | Malaysian Skills Diploma (DKM)* 1 year | Diploma- 20 years old + relevant work experience + passed APEL assessment |
| 13 | 19 | Post-secondary | Malaysian Higher School Certificate (STPM)/ Matriculation/ STPM/STAM | | | | Malaysian Skills Certificate 3* 1 year | Certificate- 19 years old + relevant work experience + passed APEL assessment |
| 12 | 18 | | | | Certificate 1 year | | Malaysian Skills Certificate 1 & 2* 1 year (student normally enroll after upper secondary) | Malaysian Skills Certificate/ Diploma/ Advanced Diploma are also conferred through the Recognition of Prior Achievement |
| 11 | 17 | Upper Secondary | Malaysian Certificate of Education (SPM) (national secondary/ special education/ religious/ technical/ sports/ arts/ private SPM | | | Malaysian Vocational Certificate (SVM) SVM | | |
| 10 | 16 | | | | | | | |
| 9 | 15 | Lower Secondary | Form Three Assessment (PT3) (national secondary/ religious school/ special education/ sports/ arts/ private schools) 3 years | | | | | Note *The age guide does not strictly apply to the skills sector due to programme duration and lack of age limit to entry. |
| 8 | 14 | | | | | | | |
| 7 | 13 | | | | | | | |
| 6 | 12 | Primary | Primary School Achievement Test (UPSR) (national/ national-type Chinese/ national-type Tamil/ special education/ religious/ private schools) 6 years | | | | | |
| 5 | 11 | | | | | | | |
| 4 | 10 | | | | | | | |
| 3 | 9 | | | | | | | |
| 2 | 8 | | | | | | | |
| 1 | 7 | | | | | | | |
| 2 | 6 | Preschool | Public/private preschools 1–2 years | | | | | |
| 1 | 5 | | | | | | | |

# MALAYSIAN QUALIFICATIONS FRAMEWORK (MQF)

| MQF LEVEL | GRADUATING CREDIT | SECTOR | | LIFELONG LEARNING |
| --- | --- | --- | --- | --- |
| | | ACADEMIC | TVET * | |
| 8 | No credit rating | PhD by Research | | Accreditation of Prior Experiential Learning (APEL) |
| 8 | 80 | Doctoral Degree by Coursework & Mixed Mode | | |
| 7 | No credit rating | Master's Degree by Research | **Benchmarked with ASEAN Qualifications Reference Framework (AQRF) (2019)** | |
| 7 | 40 | Master's Degree by Coursework & Mixed Mode | | |
| 7 | 30 | Postgraduate Diploma | | |
| 7 | 20 | Postgraduate Certificate | | |
| 6 | 120 | Bachelor's Degree | Bachelor's Degree | |
| 6 | 64 ** | Graduate Diploma | Graduate Diploma | |
| 6 | 34 ** | Graduate Certificate | Graduate Certificate | |
| 5 | 40 | Advanced Diploma | Advanced Diploma | |
| 4 | 90 | Diploma | Diploma | |
| 3 | 60 | Certificate | Certificate | |
| 2 | 30 | Certificate | Certificate | |
| 1 | 15 | Certificate | Certificate | |

\* Technical and Vocational Education and Training          \*\* Inclusive of 4 credits for U1 courses from general studies

The Framework provides a set of levels and descriptors covering all sectors, which uses the set of levels and outcomes with the intention to bring progression and pathways together and accommodate **all forms of learning**.

# ENROLMENT INTO HEIs

**There are different entry requirements for enrolment into different higher education programmes.**

**1**
- **Foundation / Matriculation / Certificate / Diploma** (Sijil Pelajaran Malaysia or any equivalent (10/11 years secondary education certificate)
- **Bachelor Degree** (Sijil Tinggi Pelajaran Malaysia or equivalent (12/13 years secondary education certificate), Foundation, Matriculation, Diploma)

**2**
Generally there is no requirement for student to sit for any entrance exam for enrolment into higher education. However, for Malaysian students who wishes to enroll into public universities and institutions, they have to apply through **UPU Online**

**3**
MQA has published the list of entry qualification for international qualification. If the qualifications is not listed in the website. MQA offer the service of **equivalency evaluation for secondary and tertiary level** to help qualification holders determine which level of study they can apply for.

UPU ONLINE
upu.mohe.gov.my

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# UPU ONLINE: INSTITUTIONS INVOLVED

# UPU ONLINE: ENTRY REQUIREMENTS (SPM)

Hanya Warganegara Malaysia yang mempunyai No. Kad Pengenalan/ My Kad sahaja yang layak mengemukakan permohonan.

## Kelayakan SPM untuk Kemasukan ke Universiti Awam (UA)

### ASASI

Pemohon mestilah memiliki Sijil Pelajaran Malaysia (SPM) dengan mendapat sekurang-kurangnya :

- LIMA (5) kepujian termasuk Bahasa Melayu
- Lulus Sejarah

### DIPLOMA

Pemohon mestilah memiliki Sijil Pelajaran Malaysia (SPM) dengan mendapat sekurang-kurangnya :

- TIGA (3) kepujian termasuk Bahasa Melayu
- Lulus Sejarah

## Kelayakan SPM untuk Kemasukan ke Politeknik/ Kolej Komuniti/ ILKA

### DIPLOMA

Pemohon mestilah memiliki Sijil Pelajaran Malaysia (SPM) dengan mendapat sekurang-kurangnya

- TIGA (3) kepujian
- Lulus Bahasa Melayu & Sejarah

### SIJIL

Pemohon mestilah:

- Menduduki peperiksaan Sijil Pelajaran Malaysia (SPM)
- Boleh membaca, menulis dan mengira.

# UPU ONLINE: ENTRY REQUIREMENTS (STPM)

Terbuka kepada warganegara Malaysia, Pemastautin Tetap (PR) dan Pemastautin Sementara yang mempunyai kad pengenalan.

Pelajar yang bukan warga Malaysia (Pemegang MyPR dan MyKAS) akan diproses tertakluk pada syarat-syarat kemasukan kategori bukan warganegara.

| STPM 2021 | MATRIKULASI / ASASI 2021/2022 | STAM 2021 & 2020 |
|---|---|---|
| **SPM**<br>KEPUJIAN BAHASA MELAYU<br>LULUS SEJARAH | **SPM**<br>KEPUJIAN BAHASA MELAYU<br>LULUS SEJARAH | **SPM**<br>KEPUJIAN BAHASA MELAYU<br>LULUS SEJARAH |
| **PNGK 2.00**<br>GRED C (2.00) DALAM 3 MATA PELAJARAN TERMASUK PENGAJIAN AM | **PNGK 2.00** | **PANGKAT JAYYID** |

**DAN**

**MUET BAND 1/ 1.0**

*MENDAPAT SEKURANG - KURANGNYA BAND 1.0 UNTUK PEPERIKSAAN YANG BERMULA SESI 1 TAHUN 2021 ATAU BAND 1 UNTUK PEPERIKSAAN SEHINGGA TAHUN 2020

# UPU ONLINE: MERIT POINTS CALCULATION (STPM)

**STPM**

PNGK dikira dengan mengambil kira purata nilai gred empat (4) mata pelajaran terbaik termasuk Pengajian Am

PNGK DIBEKALKAN OLEH MAJLIS PEPERIKSAAN MALAYSIA

**MATRIKULASI/ ASASI**

PNGK akan dibekalkan oleh Bahagian Matrikulasi KPM, Pusat Asasi Sains UM (PASUM), Pusat Genius@Pintar UKM dan Pusat Asasi UiTM

**STAM**

PNGK bagi STAM adalah berdasarkan jadual berikut :

| GRED | PANGKAT | PNGK |
|------|---------|------|
| Mumtaz | 1 | 4.00 |
| Jayyid Jidan | 2 | 3.00 |
| Jayyid | 3 | 2.00 |

PNGK DIBEKALKAN OLEH LEMBAGA PEPERIKSAAN

**DIPLOMA/ SETARAF**

PNGK adalah berdasarkan keputusan akhir yang diperolehi

PNGK DIISI OLEH PEMOHON

**PENGIRAAN MARKAH AKADEMIK**

$$\frac{PNGK}{4.00} \times 90 = \text{MARKAH AKADEMIK}$$

**STPM/STAM**

**(TAHUN SEMASA)**

Markah kokurikulum 10% akan diperolehi daripada Bahagian Sukan, Kokurikulum & Kesenian Kementerian Pendidikan Malaysia (KPM)

**MATRIKULASI/ASASI**

Markah kokurikulum 10% diperolehi daripada Bahagian Matrikulasi KPM, Pusat Asasi Sains Universiti Malaya (PASUM), Pusat Genius@pintar UKM dan Pusat Asasi UiTM

**MARKAH MERIT**

MARKAH MERIT = MARKAH AKADEMIK (90%) + MARKAH KOKURIKULUM (10%)

**DIPLOMA/SETARAF** 100% MARKAH AKADEMIK

# UPU ONLINE: COMPETITIVE FIELD

1 PERUBATAN (NEC: 721)

2 PERGIGIAN (NEC: 724)

3 FARMASI (NEC:727)

4 PERAKAUNAN (NEC:344)

5 UNDANG-UNDANG (NEC: 380)

6 KEJURUTERAAN MEKANIKAL (NEC:521)

7 KEJURUTERAAN ELETRIKAL (NEC:522)

8 KEJURUTERAAN ELEKTRONIK (NEC:523)

9 KEJURUTERAAN KIMIA (NEC:524)

10 KEJURUTERAAN AWAM (NEC:526)

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# National Education Code (NEC)



NATIONAL
EDUCATION CODE
(NEC-2020)

- ➢ **All higher education programmes offered in Malaysia will be assigned with a code from the National Education Code (NEC)**

- ➢ **The latest version is released in 2021**

- ➢ **https://www.mohe.gov.my/muat-turun/penerbitan-jurnal-dan-laporan/nec-2020/583-national-education-code-2020-nec-2020/file**

# UPU ONLINE: 5-YEAR AVERAGE MERIT POINTS (SPM)

## UNIVERSITI AWAM

| IPTA & ILKA | KOD | PROGRAM PENGAJIAN LEPASAN SPM | MARKAH MERIT 2020/ 2021 | MARKAH MERIT 2021/ 2022 |
|---|---|---|---|---|
| UM | UM0440001 | Asasi Sains Fizikal | 91.96% | 92.58% |
| UPSI | UA4143001 | Diploma Pendidikan Awal Kanak-Kanak | 79.97% | 85.34% |
| UPSI | UA4481001 | Diploma Sains Komputer (Komputeran Internet) | 77.72% | 84.79% |
| UiTM | UE4344001 | Diploma Perakaunan | 76.79% | 78.51% |
| UiTM | UE4340001 | Diploma Pengajian Perniagaan | 70.61% | 73.59% |
| UiTM | UE4481001 | Diploma Sains Komputer | 61.81% | 64.67% |
| UPSI | UA4224001 | Diploma Bahasa Inggeris # | 58.92% | 61.50% |
| UPSI | UA4813001 | Diploma Sains Sukan Dan Kejurulatihan # | 56.13% | 59.01% |
| UPNM | UZ4813001 | Diploma Kecergasan Pertahanan# | 55.66% | 57.33% |

## POLITEKNIK KONVENSIONAL

| IPTA & ILKA | KOD | PROGRAM PENGAJIAN LEPASAN SPM | MARKAH MERIT 2020/ 2021 | MARKAH MERIT 2021/ 2022 |
|---|---|---|---|---|
| Politeknik Konvensional | FB4811005 | Diploma Seni Kulinari | 75.23% | 78.10% |
| Politeknik Konvensional | FB4344001 | Diploma Akauntansi | 71.07% | 69.37% |
| Politeknik Konvensional | FB4811003 | Diploma Pengurusan Hotel | 70.38% | 72.42% |
| Politeknik Konvensional | FB4812001 | Diploma Pelancongan Rekreasi | 67.98% | 64.23% |
| Politeknik Konvensional | FB4340004 | Diploma Pengajian Perniagaan | 67.25% | 65.46% |
| Politeknik Konvensional | FB4811001 | Diploma Perkhidmatan Makanan Amalan Halal | 67.23% | 68.61% |
| Politeknik Konvensional | FB4811002 | Diploma Pengurusan Pelancongan | 66.77% | 62.64% |
| Politeknik Konvensional | FB4345001 | Diploma Pengurusan Logistik Dan Rantaian Bekalan | 65.03% | 65.95% |
| Politeknik Konvensional | FB4482001 | Diploma Teknologi Maklumat (Teknologi Digital) | 55.51% | 56.32% |

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# UPU ONLINE: 5-YEAR AVERAGE MERIT POINTS (STPM)

## KEJURUTERAAN MEKANIKAL

| UNIVERSITI | KOD | PROGRAM PENGAJIAN LEPASAN STPM/ SETARAF | MARKAH MERIT 2020/ 2021 | MARKAH MERIT 2021/ 2022 |
|---|---|---|---|---|
| UKM | UK6521001 | IJAZAH SARJANA MUDA KEJURUTERAAN MEKANIKAL DENGAN KEPUJIAN | 89.45% | 90.66% |
| UiTM | UE6521001 | SARJANA MUDA KEJURUTERAAN (KEPUJIAN) MEKANIKAL | 86.74% | 85.79% |
| UPNM | UZ6521001 | IJAZAH SARJANA MUDA KEJURUTERAAN MEKANIKAL # | 81.01% | 82.61% |
| UTeM | UC6521001 | IJAZAH SARJANA MUDA KEJURUTERAAN MEKANIKAL DENGAN KEPUJIAN | 77.16% | 77.47% |
| UTHM | UB6521001 | SARJANA MUDA KEJURUTERAAN MEKANIKAL DENGAN KEPUJIAN | 74.88% | 74.66% |

## PERAKAUNAN

| UNIVERSITI | KOD | PROGRAM PENGAJIAN LEPASAN STPM/ SETARAF | MARKAH MERIT 2020/ 2021 | MARKAH MERIT 2021/ 2022 |
|---|---|---|---|---|
| UM | UM6344001 | SARJANA MUDA PERAKAUNAN # | 99.67% | 99.65% |
| USM | US6344001 | SARJANA MUDA PERAKAUNAN (KEPUJIAN) # | 97.47% | 97.68% |
| UiTM | UE6314001 | SARJANA MUDA PERAKAUNAN (KEPUJIAN) | 95.15% | 95.56% |
| UMS | UH6344001 | IJAZAH SARJANA MUDA PERAKAUNAN DENGAN KEPUJIAN | 93.56% | 96.49% |
| UIAM | UY6344001 | SARJANA MUDA PERAKAUNAN (KEPUJIAN) | 88.48% | 89.64% |

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# Registration as Private College

## Private Higher Educational Institutions Act 1996 (Act 555)

**Section**
# 24. (1)
**Every private college has to be registered**

**Section**
# 24A. (1)
**Private college must renew its registration at least 6 months before the current registration expires**

UNDANG-UNDANG MALAYSIA

AKTA INSTITUSI PENDIDIKAN TINGGI SWASTA 1996

AKTA 555

KEMENTERIAN PENGAJIAN TINGGI

GARIS PANDUAN DAN PIAWAIAN

PENDAFTARAN
INSTITUSI PENDIDIKAN TINGGI SWASTA (IPTS)

BAHAGIAN STANDARD SWASTA
JABATAN PENDIDIKAN TINGGI
KEMENTERIAN PENGAJIAN TINGGI

TARIKH KUATKUASA GARIS PANDUAN

30 NOVEMBER 2021

PENDIDIKAN TINGGI BERKUALITI GLOBAL
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# PROCESS FLOW FOR OFFERING NEW PROGRAMMES IN PRIVATE COLLEGES

Private college applies for Provisional Accreditation (PA) from MQA
(Audit: MQA / JTC (Professional bodies)

⬇

Private college successfully obtained PA from MQA?

⬇

Private college applies for new permit/license using e-IPTS system

⬇

Private college can advertise and recruit students

⬇

Private college applies for Full Accreditation (FA) when first cohort of students enters final year/ semester*

⬇

Private college successfully obtained FA from MQA?

⬇

Private college applies for renewal of permit/license using e-IPTS system

**PENDIDIKAN TINGGI BERKUALITI GLOBAL**
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# MODELS OF HIGHER EDUCATION PROGRAMMES IN PRIVATE COLLEGES

## PARTIAL PROGRAMME

> **Twinning programme** – the student partially completes the award at the private college and completes the remaining years at the partner institution, which then awards the qualification.

> **Credit transfer programme** – the private college has an agreement with a number of foreign institutions so students can transfer the credits from their studies towards a degree programme at their chosen overseas institution.

> **Advanced standing programme** – students study for one or two years at the private college. They can then get recognition for part of or all of their study to gain advanced standing to complete the remaining portion of the degree programme at a foreign institution.

## FULL PROGRAMME

> **3+0 programme** – the entire programme is offered in Malaysia by a private college on behalf of the foreign partner institution.

> **External programmes** – the student registers for the external programme of a foreign university, and the private college acts as a tutorial centre. The degree gained is identical to the one awarded to the internal students of the foreign university.

> **Distance learning** – similar to the external programme, students learn through video conferencing and audio-visual materials with tutorial support provided by the private college.
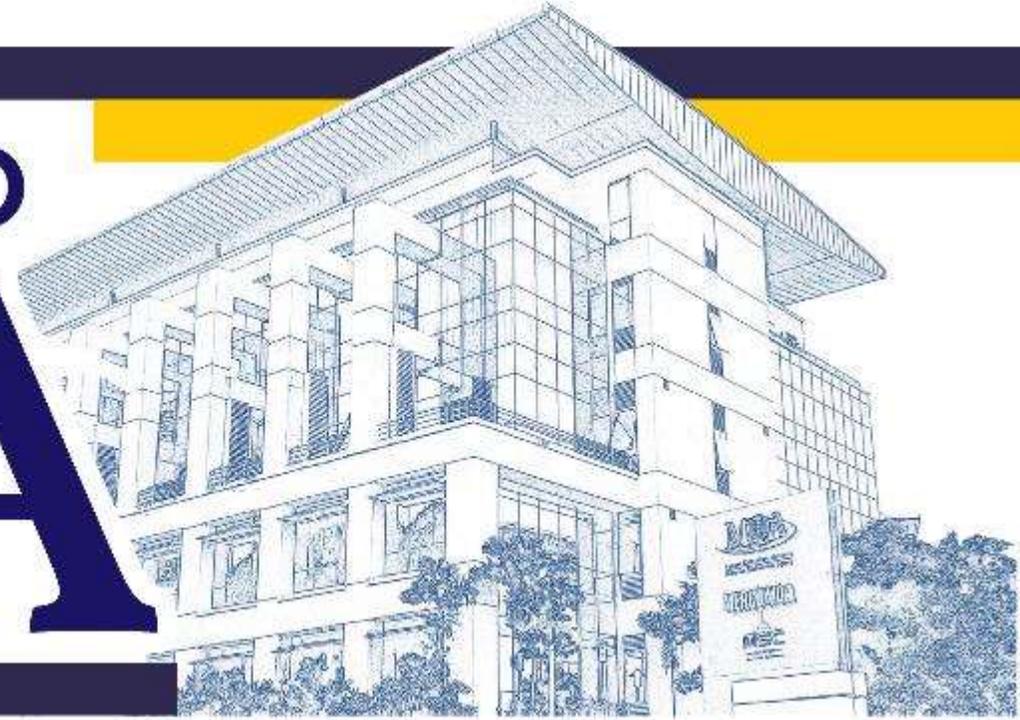
The quality system of education and training in Malaysia is the responsibility of many agencies with different but interconnected and complementary functions. The functions include, among others, regulatory functions, quality assurance (QA) functions and qualification recognition functions



Establishment of Institution
Approval of Programmes

REGULATORY

QUALITY SYSTEM
Education & Training

RECOGNITION

QUALITY ASSURANCE

Employment
Further Study
Professional Practices
Educational Funding

Accreditation of Program
Institutional Evaluation
Certification of Person

- **Ministry of Higher Education**
- **Ministry of Human Resources**

- **Malaysian Qualifications Agency**
- **Department of Skills Development**
- **Professional Bodies**

**PENDIDIKAN TINGGI BERKUALITI GLOBAL**
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# PREAMBLE MQA ACT

## LAWS OF MALAYSIA

## Malaysian Qualifications Agency Act 2007

An Act to establish the Malaysian Qualifications Agency at the national body to implement the Malaysian Qualifications Framework (MQF) to accredit higher educational programmes and qualifications to supervise and regulate the quality and standard of higher education providers, to establish and maintain the Malaysian Qualifications Register (MQR) and to provide for related matters

# THE FUNCTIONS OF MQA

- To maintain the Malaysian Qualifications Register (MQR)

- To develop standards & credits and all other relevant instruments as National Reference for the conferment of awards with the cooperation of stakeholders

- **To quality assure higher education institutions & programmes**

- **To accredit courses that fulfill the set criteria and standards**

- To facilitate the recognition & articulations of qualifications

- To implement MQF as reference point for Malaysian qualifications

# MQA
## STRUCTURE

**1** — MQA is a statutory body under the Ministry of Higher Education

**2** — MQA Council is chaired by a non-executive Chairman, with 17 members

**3** — The Agency is led by the Chief Executive Officer (CEO)

**4** — Two (2) Accreditation Committees [Sciences and Arts & Humanities]

**5** — Other Committees [Institutional Audit & Equivalency]

# MQA
# ACCREDITATION

# LEGISLATION:
# Malaysian Qualifications Agency Act 2007 (Act 679)

LAWS OF MALAYSIA

Act 679

MALAYSIAN QUALIFICATIONS AGENCY ACT 2007

An Act to establish the Malaysian Qualifications Agency as the national body to implement the Malaysian Qualifications Framework, to accredit higher educational programmes and qualifications, to supervise and regulate the quality and standard of higher education providers, to establish and maintain the Malaysian Qualifications Register and to provide for related matters.

**Compliance with the Framework**

37. (1) No programme or qualification shall be accredited unless it complies with the Framework.

(2) All higher education providers conducting an accredited programme or awarding an accredited qualification shall comply with the Framework.

Chapter 3

*Foreign programmes and qualifications*

**Application for accreditation**

56. (1) An application by a higher education provider for the accreditation of a foreign programme or qualification, foreign qualification offered by distance learning and joint and collaborative qualifications, other than a programme or qualification under Chapters 2 and 5, shall be made to the Agency within the specified period in the certificate of provisional accreditation in such form and manner as may be prescribed.

# Private Higher Educational Institutions Act 1996 (Act 555)

- ➢ **The Ministry of Higher Education (MOHE) deals with the licensing and the establishment of transnational arrangements.**

- ➢ **All TNE programmes offered by foreign branch campuses or offered under franchise arrangement with local partners need to acquire and maintain MQA accreditation as a pre-requisite for MoHE's approval of programme offering as well as its renewal.**

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# QUALITY ASSURANCE DOCUMENTS

## 4 CODES OF PRACTICES

## MQF

**MALAYSIAN QUALIFICATIONS FRAMEWORK (MQF)**
2nd EDITION
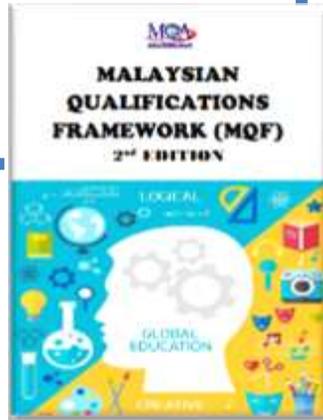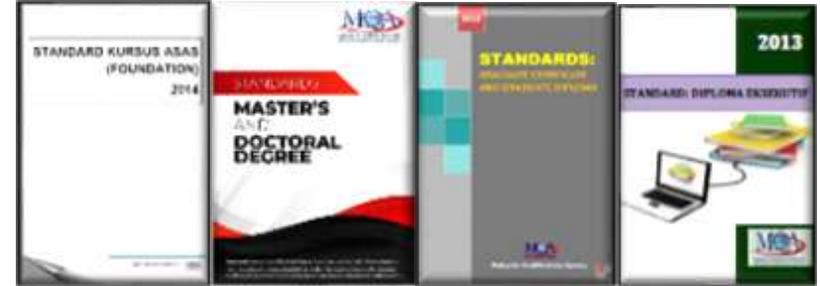
## 4 STANDARDS

## 15 GUIDELINES TO GOOD PRACTICES

**APEL for Qualification**

**APEL** APEL for Credit Award

**Work Based Learning**

Micro-credentials

## 25 PROGRAM STANDARDS

Hospitality and Tourism

**ACCOUNTING** **LAW & SYARIAH LAW**

Traditional and Complementary Medicine

**Halal Studies** Creative Multimedia

Performing Arts Muamalat And Islamic Finance

Psychology Medical & Health Sciences

**Media & Communication Studies**

| ADVISORY NOTES MQA ------------------ ------------------ --------- | CIRCULARS OF MOHE ------------------ ------------------ --------- | CIRCULARS OF MQA ------------------ ------------------ --------- |
|---|---|---|

STANDARDS PRESCRIBED BY OTHER ACCREDITATION AGENCIES

# QUALITY ASSURANCE DOCUMENTS



**MQF**

Malaysian Qualifications Framework is an instrument that develops and classifies qualifications based on a set of criteria that are approved nationally and benchmarked against international best practices, and which clarifies the earned academic levels, learning outcomes of study areas and credit system based on student academic load.



**CODE OF PRACTICE**

Code of practice is a guideline for all the stakeholders about the seven quality assurance evaluation areas for quality assurance purposes.



**GUIDELINES TO GOOD PRACTICES**

The documents are part of a series of guidelines that are similarly designed to assist HEPs implement the practices and standards listed in COPPA and COPIA (the Codes of Practice).



**STANDARDS**

Standards document sets general guideline of certain qualification levels based on the Malaysian Qualifications Framework (MQF).



**PROGRAMME STANDARDS**

Criteria set based on what is considered the minimum level that should be attained by the HEPs to ensure academic programme in a particular field of study can be adequately delivered. It covers all the MQF qualification levels; from certificate up to doctoral degree.
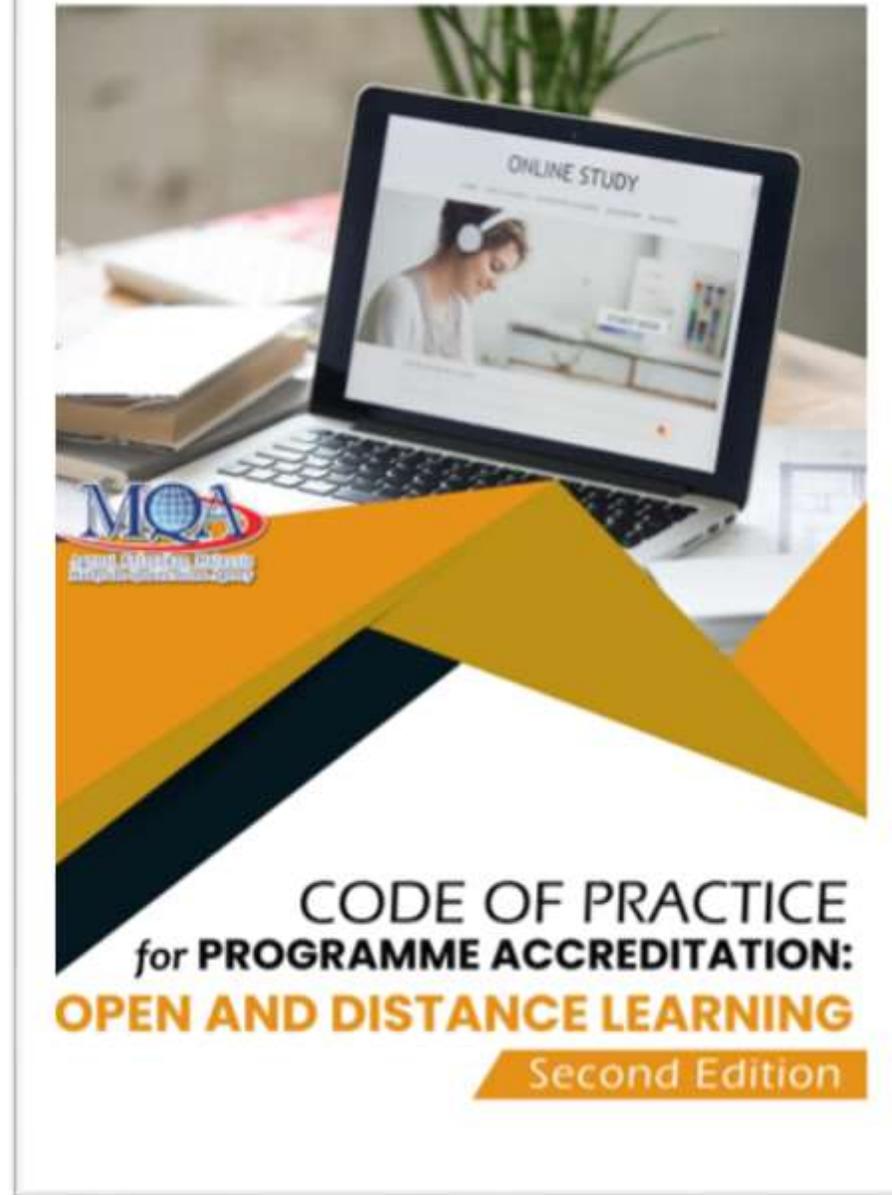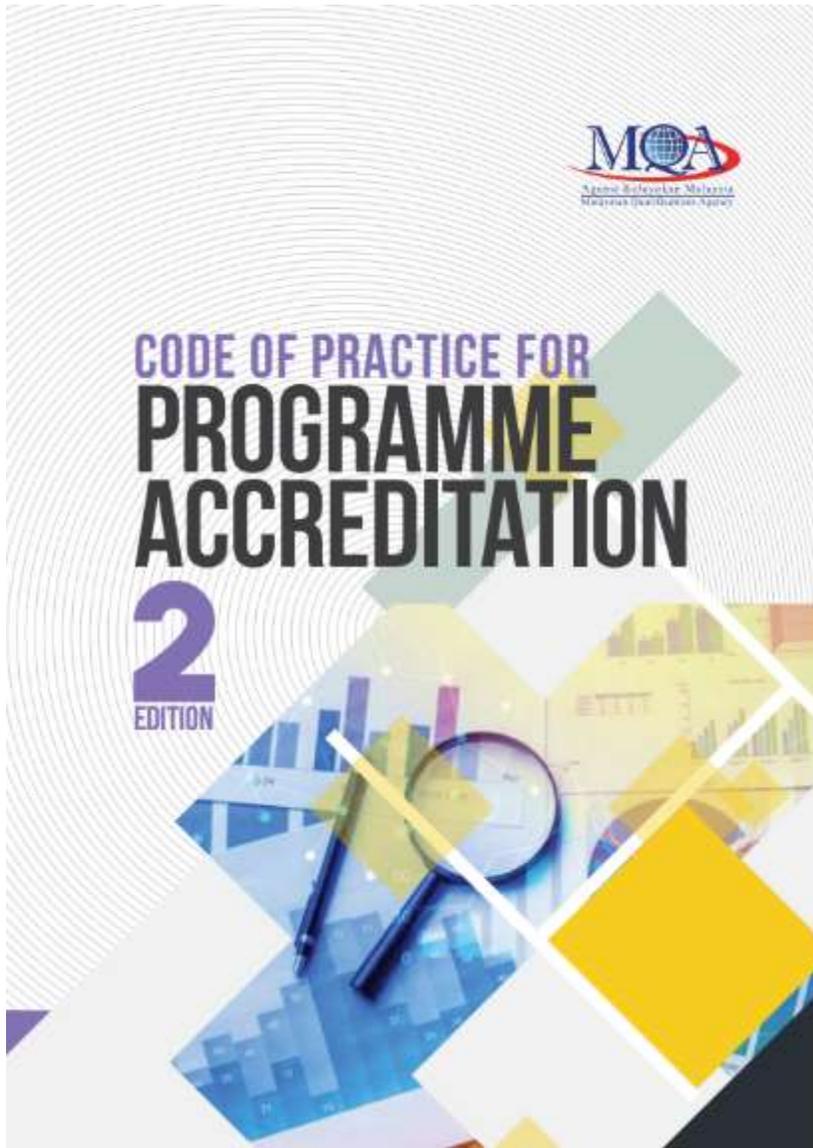
# 7 AREAS OF ASSESSMENT
## COPPA, COPPA-ODL & COPTPA



**AREA 1**
Programme Development and Delivery (COPPA 08: A1+A2)

**AREA 2**
Assessment of Student Learning

**AREA 3**
Student Selection and Support Services

**AREA 4**
Academic Staff

**AREA 5**
Educational Resources

**AREA 6**
Programme Management

**AREA 7**
Programme Monitoring, Review and CQI (COPPA 08: A7+A9)

# PROVISIONAL ACCREDITATION

# FULL ACCREDITATION

Provisional Accreditation - is an exercise to determine whether a programme has met the minimum quality requirements preliminary to Full Accreditation.

Full Accreditation - an assessment exercise to ascertain that the teaching, learning and all other related activities of a programme provided by a higher education provider have met the quality standards and are in compliance with the MQF.

Monitoring of Accreditation Conditions (as per specified time period) and FA Compliance Audit Every 3-5 years

# BOARD OF PROFESSIONAL



## 20 PROFESSIONAL BOARD

# MALAYSIAN QUALIFICATIONS REGISTER (MQR)



Lists all programmes that have attained Full Accreditation status since 2007 including programmes that are no longer active

Accessible at: https://www2.mqa.gov.my/mqr/

| Reference Number | : MQA/FA8714 |
|---|---|
| Certificate Number | : 21026 |
| Name of Qualification | : Bachelor In Psychology (Honours) |
| Date of Accreditation (dd/mm/yyyy) | : Starting 28/08/2020 |
| Compliance Audit | : |
| Name of Institution | : Management and Science University (MSU) |
| Address | : No. 4, Persiaran Olahraga |
| | Seksyen 13 |
| | 40100 Shah Alam |
| | Selangor |
| Telephone Number | : 03-5521 6868 |
| Fax Number | : 03 5511 2848 |
| E-mail | : junainah@msu.edu.my |
| Website | : www.msu.edu.my |
| Type | : Bachelors Degree |
| MQF Level | : 6 |
| NEC Field (National Education Code) | : 311 (Psychology) |
| Equivalency For Public Services | : Honours Degree |
| Number of Credits | : 120 |
| Mode of Study | : Full Time |

| Duration of Study (years) | : | Full Time | Weeks/Semester | Semesters | Duration |
|---|---|---|---|---|---|
| | | Long | 18 | 6 | 3 year/s |
| | | Short | 9 | 3 | |

| Mode of Delivery | : Conventional |
|---|---|
| Remark(s) | : NA |

# PROVISIONAL ACCREDITATION REGISTER



**PROVISIONAL ACCREDITATION MQA/PA**

**PROVISIONAL ACCREDITATION**

HOME     BAHASA MELAYU

Provisional Accreditation is a "candidacy assessment" to determine the strength of the curriculum to be offered and the readiness of its delivery support system before it is offered to the public.

Provisional Accreditation is granted with a validity period to a particular programme. The programme is required to undergo a Full Accreditation exercise prior to the expiry of the validity period.

Q **SEARCH**

Reference Number (please enter the last 4 or 5 digits)     P or MQA/PA or MQA/PSA or TVET/QP

Name of Programme

Name of Higher Education Provider (HEP)

SEARCH

Search can be done using a keyword or a combination of keywords

Example of search : Diploma in Computer Science program

(1) Type **Computer Science** in the **Name of Programme** column

(2) Type **Malaysia** in the **Name of Higher Education Provider (HEP)** column

(3) Click on **Search** button

**Lists all programmes that have attained Provisional Accreditation status**

**Accessible at:**

**https://www2.mqa.gov.my/pasp/**

# MQA ACCREDITATION

PROVISIONAL ACCREDITATION
MQA/PA
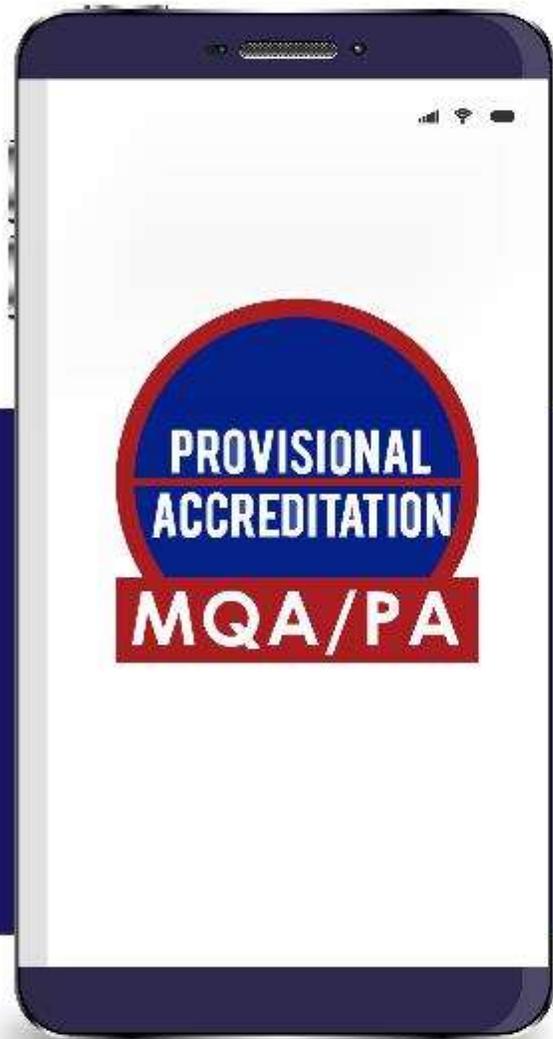
**2,350**
PROVISIONAL ACCREDITATION

**16,735**
FULL ACCREDITATION

TOTAL :
**19,085**

# EQUIVALENCY EVALUATION

## Secondary Qualification

❑ Qualification with a minimum of 12 years of education is equivalent and eligible for entry to Level 6 MQF (Bachelor's Degree);

❑ Qualifications with less than 12 years of schooling (but not less than 10 years of education) and the exit qualification in the country of origin can be used as an entry qualification for Foundation, Level 3 MQF (Certificate) or Level 4 MQF (Diploma)

## Tertiary Qualification

❑ MQA conducts equivalency evaluation of foreign tertiary qualification for entry to the MQF Level 3 to Level 8 program offered by HEP in Malaysia

❑ MQA schedule Equivalency Committee Meeting every quarterly. The Committee will deliberate and endorse all equivalency applications

# RECOGNITION OF QUALIFICATIONS
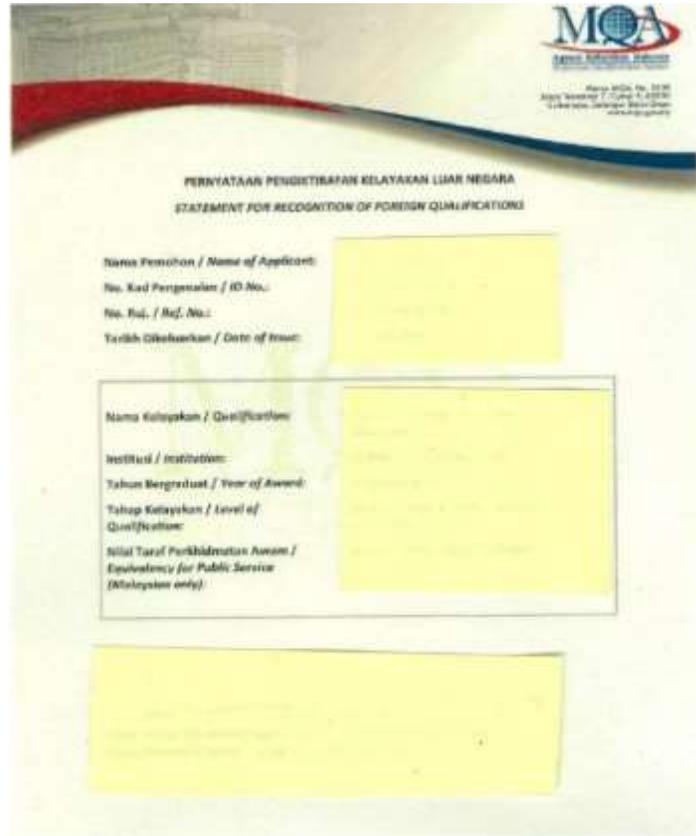


- Recognition of qualifications is based on data/information from the country of origin

- MQA uses similar principles with other countries on process of recognition of qualifications

- MQA works closely with Education Malaysia offices abroad to obtain information related to a particular qualification or university

- MQA checks for recognition of foreign tertiary qualification from certificate until doctoral degree

- Equivalency for public service is also provided for Malaysian applicants

- Until 1st October 2023, **370 qualifications have been evaluated and confirmed their recognition**.

- All applications for recognition of qualifications will be tabled at the periodic meetings between MQA and public recruitment authorities.

- For further information, please visit:
  https://www.mqa.gov.my/new/recognition.cfm#gsc.tab=0

# MQA'S DEFINITION OF MICRO-CREDENTIALS
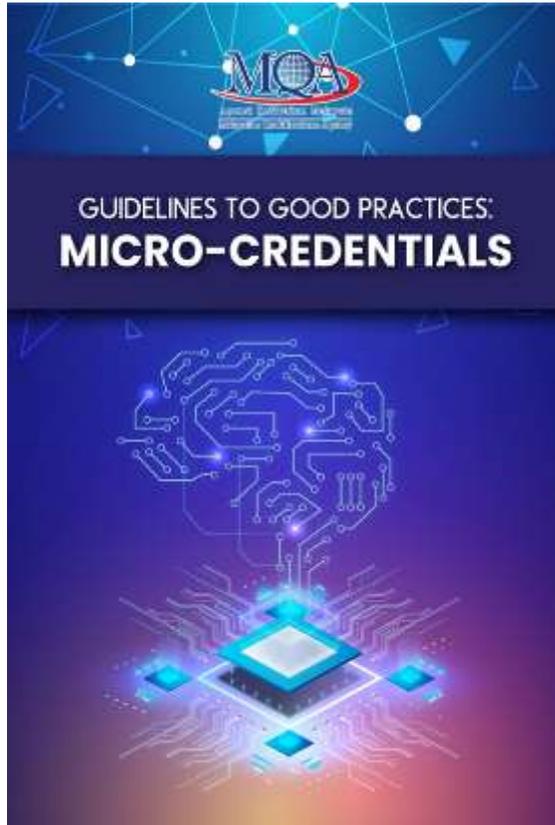
**Definition**

*"... [WHAT] digital certification of assessed knowledge, skills and competencies in a [SCOPE] specific area or field which [DESIGN] can be a component of accredited programme or stand-alone courses supporting [PURPOSE] the professional, technical, academic and personal development of the learners"*

*Source: Malaysian Qualifications Agency (2020) Guidelines to Good Practices : Micro-credentials*

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# TYPES OF MICRO-CREDENTIALS

**1** | **Micro-credentials from unbundling of accredited programmes of HEP**

| Same Module /subjects | Same Title | Same/ equivalent Assessments | Same Credits |
|---|---|---|---|

**2** | **Stand-Alone Micro-Credentials**

| As necessary or needed by the target group | Can be creative but always reflective of content & outcomes | Maximum design autonomy | No formal credits assigned but learning hours are stated |
|---|---|---|---|

MQA VERIFIED MICRO-CREDENTIALS

01 OUTCOME BASED

Minimum - **40 hours of notional learning time**

02 CREDIT BEARING BASED ON STUDENT ACADEMIC LOAD

03 MODE OF DELIVERY

04 ASSESSMENT ALIGNED TO LEARNING OUTCOMES

05 MQF LEVEL

APPENDIX 2

SAMPLE OF MALAYSIAN MICRO-CREDENTIAL STATEMENT (MMS)

MALAYSIAN MICRO-CREDENTIAL STATEMENT

| | |
|---|---|
| Serial No: | A unique identifier |
| Name: | Mohamad bin Abdullah |
| NRIC | 840111-11-6678 |
| Name of Course | Micro Award in Tourism Marketing/ Micro-credential in Tourism Marketing/ Micro-certification in Tourism Marketing |
| Programme (Course Origin) | Bachelor in Tourism and Hospitality (MQA/FA XXXX) |
| Credit transfer/award | Bachelor in Tourism and Hospitality Bachelor of Hospitality |
| Name and status of awarding institution | Peoples' University (a private university registered under ACT 555, Malaysia with powers to award Bachelors, Masters and Doctoral qualifications under the MQF) |
| Language of instruction/ examination | English |
| Method of learning and teaching | Online learning & Face to face seminars |
| Mode of delivery | Distance Learning |
| Level of the course | 1st Year Bachelor |
| Credit hours /equivalent | 3 credits |
| Student learning time | 120 hours |
| Duration | 15 weeks |
| Enrolment Requirements | Basic numeracy and intermediate literacy to established through interviews and test |
| Course Learning Outcomes | 1. Explain the fundamental concepts in tourism marketing |
| | 2. Identify segmentation and positioning approaches and strategies in tourism markets 3. Demonstrate the importance of service quality in tourism marketing |
| Assessment | 50% assignment 50% final examination |
| Grade System & Grading System | B+ (A+ to E with marks ranging from 100 to 0) |
| Quality Assurance | Malaysian Qualifications Agency (for courses from accredited programmes only & Micro-credentials which subject to MQA Quality Assessment) |
| Date of official stamp/seal of award | 08 September 2019 |
| Signature | Vice President (Academic) |
| Contact information for verification | verify@edu.my |

Note:
1. Stand-alone micro-credentials may not have information for all these fields in the MMS.
2. HEP and other providers may provide the information in the MMS in two or more documents.

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Global Quality Higher Education

# MC – THE DIGITAL CERT OR BADGE OR STATEMENT

**Table 3: Information that could be included in a critical information summary**

| | |
|---|---|
| Title and brief description (30 words) | Insert name of certificate |
| Certified learning | In up to 100 words, describe what the successful learner knows and can do based on their assessed learning |
| How learner participated | Choose one: Online only, Onsite only, Both onsite and online |
| Effort required (including assessment) | Insert number of hours (for typical learner) |
| Complexity of main assessment task | Choose one (best fit): No assessment / Testing recall of facts / Application of a skill to a routine problem / Application of a skill to a complex problem / Application of multiple skills to routine problems / Application of multiple skills to complex problems / Portfolio and reflective evidence for validation of proficiency |
| Supervision and identity verification | Choose one (best fit): Unsupervised, no identity verification / Supervised online or on-site, identity not verified / Supervised online, identity verified (one factor) / Supervised online, identity verified (two factors) / Supervised onsite, identity verified (one factor) / Supervised onsite, identity verified (two factors) |
| If assessed, equivalent level (main task) | Choose one: Not at degree level/Pre-Bachelor/Bachelor/ Pre-Masters/Masters/Doctorate |
| Quality assurance | Nil, or insert names of governing or endorsing bodies |
| Successful learner earns: • admission to a degree program • credit towards a degree program • If yes, how much credit? | Choose one: No/Yes – state degree(s) and institution(s) Choose one: No/Yes – state degree(s) and institution(s) State credit in units (a unit is a typical semester of study in a degree program). For example: Credit is less than one unit: 0.4 unit / Credit is one unit: 1.0 unit / Credit is more than one but less than two units: 1.5 units |

> Identification of **the learner**
> **Title** of the micro-credential
> **Country/region of the issuer**
> **Awarding body**
> **Date** of issuing
> **Notional workload needed to achieve the learning outcomes** (in ECTS, wherever possible)
> **Level (and cycle, if applicable) of the learning experience leading to the micro-credential** (EQF and/or national qualifications framework; Overarching Framework of Qualifications of the European Education Area)
> **Learning outcomes**
> **Form of participation in the learning activity** (online, onsite or blended, volunteering, work experience)
> **Prerequisites*** needed to enrol in the learning activity
> **Type of assessment** (testing, application of a skill, portfolio, recognition of prior learning, etc.)
> **Supervision and identity verification during assessment*** (unsupervised with no identity verification; supervised with no identity verification, supervised online or onsite with identity verification)
> **Quality assurance** of the credential and, where relevant, of the learning content

EU, 2021

## SAMPLE OF MALAYSIAN MICRO-CREDENTIAL STATEMENT (MMS)

### MALAYSIAN MICRO-CREDENTIAL STATEMENT[11]

| | |
|---|---|
| Serial No: | A unique Identifier |
| Name: | Mohamad bin Abdullah |
| NRIC | 840111-11-6678 |
| Name of Course | Micro Award in Tourism Marketing/ Micro-credential in Tourism Marketing/ Micro-certification in Tourism Marketing |
| Programme (Course Origin)[1] | Bachelor in Tourism and Hospitality (MQA/FA XXXX) |
| Credit transfer/award[1] | Bachelor in Tourism and Hospitality Bachelor of Hospitality |
| Name and status of awarding institution | Peoples' University (a private university registered under ACT 555, Malaysia with powers to award Bachelors, Masters and Doctoral qualifications under the MQF) |
| Language of instruction/ examination | English |
| Delivery | Online learning & Face to face Seminars |
| Mode of study | Distance Learning |
| Level of the course[1] | 1st Year Bachelor |
| Credit hours /equivalent[1] | 3 credits |
| Student learning time | 120 hours |
| Duration | 15 weeks |
| Enrolment Requirements | Basic numeracy and intermediate literacy to established through interviews and test |
| Course Learning Outcomes | 1. Explain the fundamental concepts in tourism marketing |

# MALAYSIAN QUALIFICATIONS FRAMEWORK & MICRO-CREDENTIALS (MC)

- The Framework is applicable to **"partial qualifications"** to support upgrading and upskilling initiatives … as it may be accumulated and used to obtain full qualifications. <u>However,</u>

  it is important that the **learning outcomes and credits are quality assured**.

- The Framework facilitates assessment for equivalency and/or provide/support the **formal recognition of professional certifications by industry** and other **non-formal training providers**, through **new and emerging delivery systems** (such as Badges, MOOCs, Nano and Micro degrees) <u>as long as</u>…

  **comply with the Framework's learning outcomes, assessment cultures and expectations**.

MALAYSIAN QUALIFICATIONS FRAMEWORK (MQF) 2ᴺᴰ EDITION
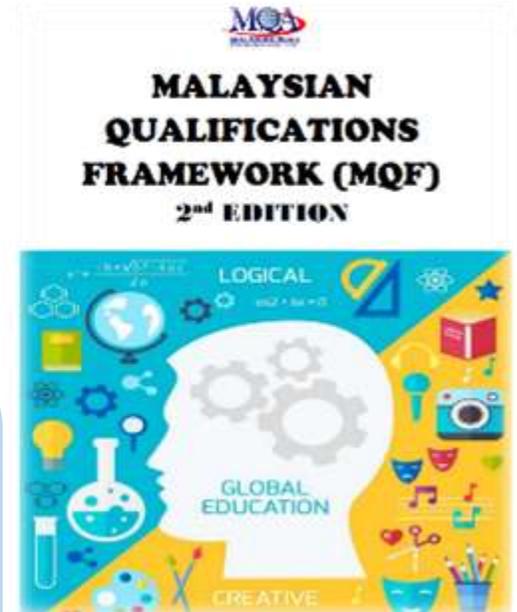
# PATHWAYS TO RECOGNITION OF MC
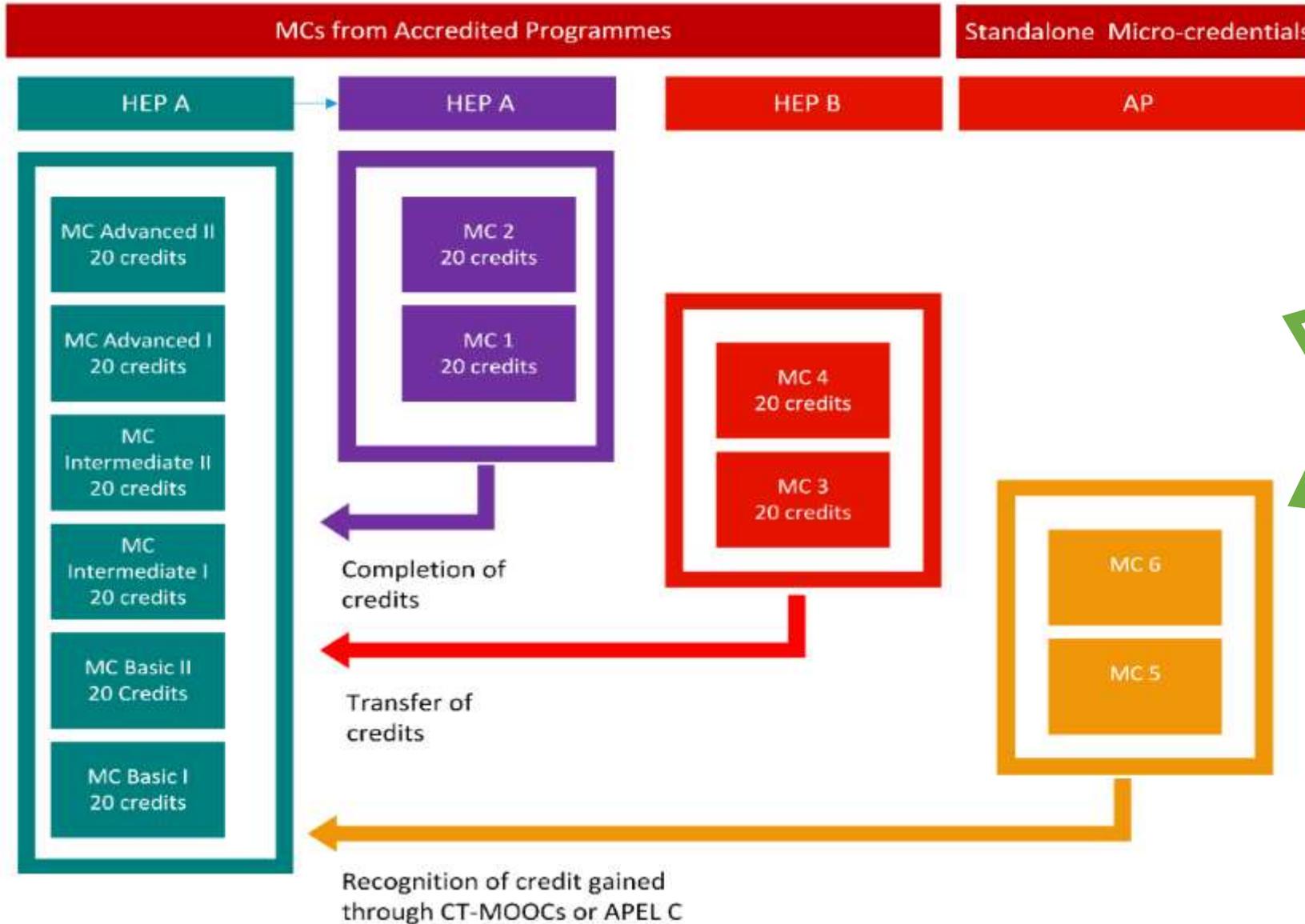


*HEP: Higher Education Provider
*AP: Alternative Provider

# ENTRY INTO ACADEMIC PROGRAMME THROUGH APEL.M

# SUMMARY: DEVELOPMENT OF GUIDELINES ON MC

**1ST Phase** 2019

MQA Notification Letter 2/2019 dated 6 May 2019

MC in the form of Continuous Professional Development (CPD)

**2nd Phase** 2020

**Guidelines to Good Practices: Micro-credentials**
MQA Notification Letter 8/2020 dated 10 August 2020

MC leading to formal academic qualifications (This GGP revoked the MQA Notification Letter 2/2019)

**3rd Phase** 2022

**Guidelines to Good Practices (GGP): APEL.A and APEL.M**
MQA Notification Letter 4/2023 dated 10 July 2023

Fulfilment of admission requirements leading to an accredited programme via micro-credentials track

**4th Phase** 2023

**Guidelines to Good Practices: Quality Verification of Stand-alone Micro-credentials**

Instrumental in bringing all short courses & non-credentialed courses under the MQF

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*Global Quality Higher Education*

# WAY FORWARD

**GUIDELINES TO GOOD PRACTICES: QUALITY VERIFICATION OF STAND-ALONE MICRO-CREDENTIALS**

**KEY FEATURES**

- Verification mechanism to establish better connection to MQF
- Credit bearing

- Assessment align to learning outcomes
- Established Verification Centre

- MQF Level
- Micro-credentials Register

Applicable to **any entities** which include authorized bodies, government agency, higher education and training providers and those legally registered with relevant authorities

**GUIDELINES TO GOOD PRACTICES (GGP): APEL.A AND APEL.M**

System for Application as Verification Centre & Learner
**UP NEXT**

Micro-credentials Portal launched on 3 June 2022

Database **UP NEXT**
- Unbundled MC from accredited programme
- SAMC
- Verification Centre
- SAMC Provider

**KEY FEATURES**

Fulfilment of admission criteria:
- completed at least 50% of total credits in a programme via Micro-credentials which are relevant to the accredited programme
- Meet the minimum age requirements as stipulated in the APEL.A for the various level of qualifications under the MQF
- Meet the minimum age of graduation stipulated in GGP. MC

specifically for learners who have acquired at least 50% of the total credits in a programme through Micro-credentials

Conducted by APEL Assessment Centres

**2021 – 2025 (MQA Strategic Planning)**

**Learner's Credit Depository**

- strengthen the support system for the implementation of Micro-credentials
- increase public confidence on MC and facilitate learners on credit transfer leading to the award of academic qualification

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# TRANSNATIONAL EDUCATION

# TYPES OF TNE IN MALAYSIA

**Foreign Branch Campus -** universities that have been invited by the Malaysian Government to establish their off-shore campus in Malaysia.

**Franchise Programme -** Programme offered and conducted by a HEP but the curriculum is owned, and the award is conferred, by its partner (the awarding body). The arrangement must be mutually agreed via MoA.

**Programme under Certification Bodies (ACCA, CIMA, LCCI, ABE)** – Programmes/qualifications from a certification body that is approved by the authorities in the country of origin. This qualifications must undergo equivalency assessment.

**Joint Award** – A collaborative programme developed by 2 (or more) equal standing HEPs that will lead to an academic qualification, in which the scroll will state the name of the HEPs involved.

**ACCREDITATION PROCESS**

**Dual Degree -** two programs of study from the same or almost the same fields involving cooperation by two-degree granting institutions of equal standing and leading to the awarding of two scrolls by the institutions involved.

**Double Degree -** Students will follow 2 academic programmes of the same level in different field of studies in the same institution or different institution, with greater volume of learning, and be awarded with 2 academic qualifications by the relevant institutions

**NOTIFICATION TO MOHE**

**MUST BE ACCREDITED AND RECOGNISED PROGRAMMES**

# Circulars and Policies (Inbound TNE)

- **MOHE Circular 2/2017 [*Updates 2018, 2019, 2020*]**
- **MQA Circular October 2017**

Policies, requirements and criteria to conduct franchise programmes.

**MOHE Circular 2020**

Guidelines for Implementation of Joint Award, Dual Degree and Double Degree

- **MOHE Circular 2021**
- **MQA Notification Letter 2021**

Flexibility for Branch Campuses, Franchise Programmes and Certification Programmes to meet the certain requirements in the MQA programme standards.

**MAIN CRITERIA: The qualification and Home University must be recognized and accredited by recognized authorities in their home country or under the jurisdiction of authorities recognized as comparable to MQA**

# LIST OF REQUIREMENTS FOR INBOUND FRANCHISE PROGRAMMES

| No. | Requirements | Franchise Programme | Branch Campuses | Cerification Programmes |
|-----|-------------|---------------------|-----------------|------------------------|
| 1. | Program yang hendak ditawarkan di PPT tempatan adalah program yang diluluskan oleh Senat dan masih ditawarkan di PPT induk.<br><br>The programme must be similar as offered and approved by the Home University. | Must Comply | Allowed to offer unsimilar/different programme but requires approval from Main Campus and subjected to the establishment's conditions | Based on the Equivalency Assessment by MQA |
| 2. | Program mesti menggunakan penamaan (nomenclature) yang sama seperti mana di PPT induk.<br><br>The programme's nomenclature must be the same as offered at the Home University. | Must Comply | Allowed to offer unsimilar/different programme but requires approval from Main Campus and subjected to the establishment's conditions | Based on the Equivalency Assessment by MQA |
| 3. | Kredit bergraduat perlu memenuhi keperluan minimum kredit bergraduat berdasarkan tahap kelayakan MQF<br><br>Total credits of the programme must meet the minimum graduation credits based on the MQF level. | Must Comply | Must Comply | Must Comply |

| No. | Requirements | Franchise Programme | Branch Campuses | Cerification Programmes |
|---|---|---|---|---|
| 4. | Tempoh penawaran perlu memenuhi tempoh minimum yang ditetapkan oleh KPT atau seperti mana pelaksanaan di PPT induk, yang mana lebih tinggi.<br><br>The programme's duration must meet the minimum duration set by MOHE or Home University, whichever is higher | Must Comply | Must Comply | Must Comply |
| 5. | Memenuhi hasil pembelajaran berdasarkan tahap kelayakan yang ditetapkan oleh MQF.<br><br>Must satisfy the required learning outcomes based on the MQF level. | Must Comply | Must Comply | Must Comply |
| 6. | Memenuhi hasil pembelajaran yang ditetapkan oleh bidang program.<br><br>Must satisfy the required learning outcomes based on the programmes' field of study. | Must Comply | Must Comply | Must Comply |
| 7. | Body of Knowledge (BoK) perlu mematuhi keperluan bidang program yang mana rujukan juga boleh dibuat pada standard program yang berkaitan.<br><br>The programme's content (Body of Knowledge, BoK) must satisfy the required field of study in which reference can be made to the relevant MQA programme standards. | Must Comply | Must Comply | Based on the Equivalency Assessment by MQA |

| No. | Requirements | Franchise Programme | Branch Campuses | Cerification Programmes |
|---|---|---|---|---|
| 8. | Penilaian pelajar perlu mematuhi keperluan bidang program.<br><br>Assessment of students must meet the required field of study | Must Comply | Must Comply | Based on the Equivalency Assessment by MQA |
| 9. | Mata Pelajaran Pengajian Umum (MPU) wajib ditawarkan seperti mana yang ditetapkan oleh KPT.<br><br>Mata Pelajaran Pengajian Umum (MPU) (MOHE compulsory modules) must be included in the programme. | Must Comply | Must Comply | Must Comply |
| 10. | Latihan industri wajib ditawarkan seperti mana yang ditetapkan dalam standard program MQA. Pengecualian kepada latihan industri boleh dipertimbangkan bagi aktiviti pengajaran dan pembelajaran kursus yang melibatkan industri.<br><br>Internship/Practical Training must be offered as stipulated in the MQA's Programme Standards. Exemption may be considered if teaching and learning involves industrial exposure. | Must Comply | Must Comply | Based on the approved curriculum as per MQA's Equivalency Assessment |

| No. | Requirements | Franchise Programme | Branch Campuses | Cerification Programmes |
|---|---|---|---|---|
| 11. | Pendedahan kepada elemen atau topik tempatan diambil kira dalam pelaksanaan program.<br><br>Local elements/topics must be taken into account in the programme implementation. | Must Comply | Must Comply | Must Comply |
| 12. | Memenuhi kelayakan masuk minimum yang ditetapkan oleh KPT atau standard program atau seperti mana pelaksanaan di PPT Induk, yang mana lebih tinggi.<br><br>Entry requirements must follow the minimum requirements set by MOHE, or MQA's Programme Standards, or as per implementation at the Home University. | Must Comply | Must Comply | Must Comply |

# TNE IN MALAYSIA (INBOUND)

## FOREIGN BRANCH CAMPUSES

| BIL | COUNTRY | HEP | NUMBER OF PROGRAMMES | |
|-----|---------|-----|------|------|
| | | | PA | FA |
| 1. | AUSTRALIA | *Monash University | 1 | 13 |
| | | *Swinburne University | 1 | 20 |
| | | *Curtin University | 1 | 12 |
| 2. | UK | *The University of Nottingham | 1 | 13 |
| | | Heriot Watt University | 54 | 37 |
| | | University of Southampton | 22 | 7 |
| | | Newcastle University | 4 | 4 |
| | | The University of Reading | 3 | 11 |
| 3. | CHINA | Xiamen University | 21 | 18 |
| 4. | SINGAPORE | Raffles University | 22 | 16 |

## FRANCHISE PROGRAMMES

| | PA | FA |
|---|-----|-----|
| HEPs | 92 | 54 |
| PROGRAMMES | 329 | 211 |

## CERTIFICATION PROGRAMMES (ACCA, CIMA etc.)

| | PA | FA |
|---|-----|-----|
| HEPs | 23 | 14 |
| PROGRAMMES | 27 | 16 |

## JOINT AWARD e.g.:

Master of Engineering Technology (Green and Energy Efficient Buildings) joint award between Universiti Kuala Lumpur and University of Applied Sciences Rosenheim (UAS RO), Germany

Bachelor of Psychological Science (Hons) Joint Degree with Flinders University / Bachelor of Psychological Science Joint Degree with Flinders University [HEP: HELP University]

***Self-accrediting HEPs**

Agensi Kelayakan Malaysia
Malaysian Qualifications Agency

# Circulars and Policies (Outbound TNE)

## MQA Circular 1/2016

Compliance Audits for programmes offered at Offshore Campuses and Regional Centres (ODL programmes)

Local HEPs are responsible to:
- ✓ Inform MQA
- ✓ Obtain approval from the significant authorities of the countries

## MOHE Circular 2/2017
## MQA Circular 5/2018
## MOHE Guidelines 2021

Policies for local HEPs as franchisor

- ✓ Accredited programme (and at least 3 cohort of students have graduated)
- ✓ Conventional programme
- ✓ Awarded by local HEPs
- ✓ Must notify MQA

CRITERIA FOR LOCAL HEPs AS FRANCHISOR:
i. For University/ University College status, must achieve minimum Tier 4 in SETARA
ii. For College status, must achieve minimum 5 star in MyQUEST
iii. The program approval and HEPs registration with MOHE are still valid.

**SETARA:** rigorous assessment methodology to rate an education institution's three core functions, namely teaching, research and services

**MyQUEST:** Malaysian Quality Evaluation System for Private Colleges is an instrument to evaluate the performance of private higher education institutions of college status in Malaysia.

# TNE IN MALAYSIA (OUTBOUND)

| Status | Number of Countries | Number of Programmes |
|---|---|---|
| **Franchise programmes by local HEPs** | 6 | 10 |
| **Offshore campuses** | 6 | 40 |
| **Regional centres** | 14 | 77 |

TNE in 20 Countries and growing!

# OTHERS

# MQA Advisory Note on usage of Generative AI in HE

**The advisory note provides guidelines to educators, students and institutions on how to use Generative AI responsibly and ethically**

ADVISORY NOTE NO. 2/2023

PENGGUNAAN TEKNOLOGI KECERDASAN BUATAN GENERATIF
(*GENERATIVE ARTIFICIAL INTELLIGENCE*) DALAM PENDIDIKAN TINGGI

## PENDAHULUAN

1. Kepesatan kemajuan teknologi digital yang semakin canggih dengan pelbagai fungsi yang boleh diakses secara terbuka oleh orang awam menuntut warga pendidikan tinggi untuk mempertingkatkan pemahaman berkaitan pelbagai aspek konsep, potensi dan risiko teknologi ini dalam memastikan pengekalan keberkesanan kualiti dan integriti aktiviti pengajaran dan pembelajaran (PdP).

2. PPT merujuk kepada Universiti Awam (UA), Institusi Pendidikan Tinggi Swasta (IPTS), Politeknik dan Kolej Komuniti. PPT juga merangkumi Institusi Pendidikan Tinggi/ Latihan Awam lain yang programnya telah diakredit oleh MQA.

## PERKEMBANGAN TEKNOLOGI KECERDASAN BUATAN GENERATIF DALAM PENGAJARAN DAN PEMBELAJARAN (PdP)

3. Kecerdasan Buatan Generatif (AI Generatif) ialah satu bentuk kecerdasan buatan yang menggunakan model pembelajaran mesin (machine learning) untuk mencipta kandungan berdasarkan input pengguna. Aplikasi AI Generatif menggunakan algoritma untuk memanipulasi dan mensintesis data untuk mencipta pelbagai bentuk kandungan yang kelihatan baharu dan realistik seperti dihasilkan oleh manusia. Terdapat pelbagai bentuk aplikasi AI Generatif yang menjana kandungan dalam bentuk teks (seperti ChatGPT dan Jasper AI), imej (seperti Craiyon dan Midjourney), muzik (seperti Amper dan MuseNet), suara (seperti Speechify dan Murf) video (seperti Synthesia dan DeepBrain.AI) dan lain-lain. Kini, terdapat lebih banyak aplikasi sedang dan akan dibangunkan untuk kegunaan pelbagai pihak dan ini merupakan trend dalam industri teknologi yang sentiasa bergerak ke hadapan.

4. Secara umumnya, terdapat pelbagai aplikasi AI Generatif yang boleh digunakan dalam PdP untuk memperkaya dapatan maklumat dengan cepat dan mudah. AI Generatif boleh digunakan bagi menyokong PdP sekiranya digunakan secara betul dan efektif. Sebagai contoh, ianya boleh digunakan untuk:

   4.1 mendapatkan serta menjana hasil carian dari sumber Internet;

   4.2 menerangkan dan menganalisis hasil carian dari sumber Internet;

https://www.mqa.gov.my/pv4/document/2023/edited/MQA%20Advisory%20Note%20No.22023-%20AI%20Generatif.pdf

**PENDIDIKAN TINGGI BERKUALITI GLOBAL**
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# REFERENCING TO AQRF

ASEAN
Qualifications
Reference
Framework (AQRF)
Referencing Report,
Malaysia

one vision
one identity
one community

The Malaysian AQRF Referencing Report is available on the following websites:

- The Official Portal of the Malaysian Qualifications Agency (MQA) at http://www2.mqa.gov.my/myaqrf/

- ASEAN Official Website at https://asean.org/asean-economic-community/sectoral-bodies-under-the-purview-of-aem/services/asean-qualifications-reference-framework/

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# REFERENCES

Ministry of Education, Malaysia
Ministry of Higher Education, Malaysia
Department of Higher Education, Ministry of Higher Education, Malaysia
Malaysian Qualifications Agency
ASEM Education: https://asem-education.org/compendiums/200-malaysia/

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# Thank you

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### Malaysian Qualifications Agency

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