



**APEL.A HANDBOOK
FOR LEVEL T-7**

Table of Contents

GLOSSARY	2
1. INTRODUCTION	4
2. SCOPE OF APEL.A.....	5
3. ENTRY REQUIREMENT FOR MASTER’S DEGREE PROGRAMME.....	5
4. LEARNER’S COMPETENCIES	5
5. APEL ASSESSMENT AND CERTIFICATION PROCESSES.....	10
6. APPENDICES	
Appendix 1 – APEL.A Application Process Chart.....	15
Appendix 2 – APEL.A Application Form.....	16
Appendix 3 – APEL.A Portfolio Evaluation Form.....	18
Appendix 4 – List of Evidence.....	27
Appendix 5 – List of Competencies.....	28

GLOSSARY

a. Accreditation of Prior Experiential Learning

A systematic process that involves the identification, documentation, and assessment of prior experiential learning, i.e., knowledge, skills, and attitudes, to determine the extent to which an individual has achieved the desired learning outcomes, for access to a programme of study and/or award of credits.

b. APEL Assessments

A combination of an aptitude test and a portfolio that an applicant must pass in order to receive an APEL certificate.

c. APEL Certification Process

An indication of an applicant's capabilities and willingness to pursue a specific program.

d. Aptitude Test

A formal exam which the applicant must pass.

e. Course

A component of a programme. The terms course and module or unit are used interchangeably.

f. Formal Learning

Intentional learning/study program provided in an organized and structured setting (pre-school, primary school, secondary school, technical college, and university) that may lead to formal recognition/a recognized certification.

g. Higher Education Provider (HEP)

A corporate, organizational, or another person (s) body that conducts higher education or training programs resulting in the award of higher education qualifications.

h. Informal Learning

Continuous learning occurs as a result of life and work experiences (sometimes known as experiential learning).

i. Malaysian Qualifications Framework (MQF)

An instrument for categorizing credentials based on a set of criteria that has been authorized at the national level and has been benchmarked against worldwide best practices.

j. Master's Degree

A MQF-recognized degree that allows for the advancement of knowledge, skills, and abilities gained at the Bachelor's degree level.

k. Non-formal Learning

Learning that occurs in addition to traditional education and training systems. It may be evaluated, but it does not usually result in formal certification.

l. Open Entry

Open entry refers to entrance criteria that apply to individuals who have learning experiences that may be examined and matched against the usual entry requirements for a program of study.

m. Open Learning

Open learning refers to initiatives that focus on increasing access to education and training provision, releasing learners from time and location limitations, and providing flexible learning possibilities to individuals and groups of learners.

n. Programme

A collection of courses designed for a specific time and learning volume to attain the stated learning goals, which generally results in the granting of certification.

o. Portfolio

A compilation of an applicant's prior experiences, including formal, informal, and non-formal learning.

1. INTRODUCTION TO APEL

This handbook is written to help APEL.A applicants at Multimedia University understand the processes and requirements involved in APEL.A application. The handbook is based on *Buku Panduan APEL.A* published by the Malaysian Qualifications Agency (MQA).

The Malaysian Qualifications Agency (MQA) through the MQA Act 2007 (Act 679) has an ongoing commitment to assisting individuals in utilising their prior learning as much as possible. MQA assists in identifying learning that are not formally certified which has taken place through various types of experiences throughout life.

This process is called the Accreditation of Prior Experiential Learning (APEL) and was set under the Malaysian Qualifications Framework (MQF). APEL allows individuals to progress in the context of lifelong learning and widens the mobility of student participation and adult learners.

The APEL in Malaysia is underpinned by the following core principles:

- Prior experiential learning should be recognised regardless of how and where it was acquired, provided that the learning is relevant to the learning or competency outcomes;
- Assessment should be evidence-based, equitable, unbiased, fair, flexible, valid, and reliable; Assessment should be undertaken by experts/practitioners in the subject content or skills area, policies, and procedures;
- Assessment methods should accommodate the literacy levels and experiences of students, hence providing ways for students to demonstrate the required outcomes;
- The decision should be accountable, transparent, and subject to appeal and review;
- Information and support services should be actively promoted, easy to understand and recognise the diversity of learners; and
- Quality assurance mechanisms should be clear and transparent to ensure confidence in the decisions.

2. SCOPE OF APEL

APEL.A was initially provided to Malaysian adults who wanted to be recognised for their prior learning. The APEL.A certification indicates or endorses your competencies and readiness to pursue a certain program. The credential, however, does not ensure admission to a Higher Education Provider (HEP). You are still subjected to the HEP's procedures and additional requirements (if there is any).

APEL.A certification can only be used to help you to further your studies in the field of your choice, which should be relevant to your prior knowledge. It does not correspond to the knowledge and competencies of a specific academic degree program at the MQF level. The certification cannot be used to obtain employment.

3. ENTRY REQUIREMENT FOR MASTER'S DEGREE PROGRAMME

The entry requirements for admission into the **Master's programme (level 7, MQF)** through APEL as approved by the Ministry of Education (MOE) are as follows:

- i. **a Malaysian citizen**; and
- ii. **at least 30 years** of age in the year of application; and
- iii. **at least STPM/Diploma/equivalent qualification**; and
- iv. **relevant work experience**, and
- v. **passed APEL.A assessment for Master's Degree level**.

4. LEARNERS' COMPETENCIES

The MQF competency descriptors will be utilised to evaluate your abilities. The APEL assessments administered by the MQA ensure that you possess the competencies listed below:

- Knowledge and understanding
- Cognitive skills
- Functional work skills with a focus on:
 - a. Practical skills
 - b. Interpersonal and communication skills
 - c. Digital and numeracy skills
 - d. Leadership, autonomy, and responsibility
- Personal and entrepreneurial skills
- Ethics and professionalism

The following describes all the competencies:

I. Knowledge and understanding

Knowledge and understanding refer to a systematic comprehension of facts, ideas, information, principles, concepts, theories, technical knowledge, regulations, numeracy, practical skills, tools to use, processes, and systems.

It can refer to a subject, a field of study, or a discipline, as well as technical and occupational or workplace knowledge and expertise. It begins with fundamental general knowledge and progresses to varied, broader, specialized, and advanced knowledge, such as those relating to sustainable practices, rules and regulations, health and safety, and other topics relevant to Technical and Vocational Education and Training (TVET) and even professional programmes.

The scope of knowledge should cover common everyday knowledge within the learners' context. This can also be obtained through formal, informal, and non-formal learning situations and experiences. Knowledge and experiences can help you to develop personal values and ethics. Information and understanding may allow you to relate your prior knowledge in the process of learning and/or work, as well as expand to relevant topics. All other competencies are applied based on regular knowledge.

II. Cognitive skills

Cognitive abilities refer to the ability to think or intellectual capacities, as well as the ability to apply knowledge and skills. Understanding, critical/creative thinking, assessing, and applying, analysing, problem-solving, and synthesising to produce new ideas, solutions, strategies, or practices are all stages in the development of intellectual skills. These mental capabilities include the ability to search for and comprehend new information from various fields of knowledge and practices.

III. Functional work skills

a. Practical skills

In general, these are work skills and operational skills that you may apply in a common employment environment, such as planning; organisational skills; selection of tools, materials, technology methods, and procedures, whereas, in a study context, it may include you the study skills and preparations, undertaking procedures, scientific skills, designs, research, and so on. It also contains specialised abilities defined by a certain subject, discipline, technical or occupation-related work skills, and professional practice that improves professional competence. It should also incorporate methods that are safe and long-lasting.

b. Interpersonal and communication skills

Interpersonal skills including, among other things, interactive communications; connections, and collaborative abilities in managing relationships in teams or within organisations; networking with individuals from diverse cultures; and social skills/etiquette.

Your ability to communicate/convey information/ideas/reports cogently and professionally in an appropriate language is referred to as communication skills. Communication must be successful and acceptable, in a variety of mediums, to a diverse audience, and in a variety of situations. You are encouraged to be able to communicate in more than one language that might be relevant for your future.

c. Digital and numeracy skills

Your capacity to use information/digital technology to help jobs and studies is referred to as digital skills in general. These skills including gathering and storing information, processing data, using applications for problem-solving and communication, and applying digital talents ethically.

These are the quantitative skills that demand you as learners to acquire ever-increasing levels of numerical ability. It is recognized as a crucial living talent that is applicable in school, employment, and daily life. It could incorporate basic mathematics, symbols related to statistical procedures, and so on.

d. Leadership, autonomy, and responsibility

This skill set refers to your ability to build relationships and work with teams made up of your peers or in managerial capacities with varying degrees of autonomy to make decisions or set goals at organizational/unit/team levels; for you to take responsibilities and provide accountability; for you to be confident, knowledgeable, articulate, honest, professional, concerned, resilient, and a team player.

IV. Personal and entrepreneurial skills

Personal skills are life skills that you are required to apply on a regular basis. They are typically demonstrated by a passion for independent learning, intellectual and self-development; confidence, self-control, social skills, and good etiquette; and a commitment to professionalism in the workplace. It also involves your ability to prepare for future job progression or education.

Character traits that can be seen through you such as honesty, punctuality, time management, and following to and sustaining deadlines that are vital in the workplace are also important personal qualities.

Entrepreneurial abilities require essential knowledge, skills, and competence in important areas of a business. Creativity, grit, and desire will be important for your personal attributes. Your desire to be

an entrepreneur is defined as a collection of your personal abilities, but it also involves the development of your appropriate knowledge, cognitive, and functional skills.

V. Ethics and professionalism

Personal, organizational, societal/cultural, and global ethics and values are significant because they can help you in guiding personal actions and relationships at work and in the community at large. In the exercise of professional skills and responsibilities, awareness/understanding and respect for ethical, social, and cultural differences and issues are essential: integrity, professional conduct (professionalism), and standards of conduct such as upholding regulations, laws, and codes of good practices or codes of professional conduct. These are particularly important when interacting with other people from diverse cultures.

5. APEL.A ASSESSMENT AND CERTIFICATION PROCESS

APEL.A certification determines your eligibility to apply for admission to any HEPs for a Master's level by coursework and mixed-mode, bachelor's, diploma, or certificate program. Given that APEL.A evaluation can take up to two (2) to four (4) months, you are advised to apply for APEL.A certification at least six (6) months before the date of acceptance into the preferred HEP. With an APEL certification, you are eligible to apply for admission to any HEP. Applications process for APEL certificate is shown in **Appendix 1**.

APPLICATION PROCESS

An APEL assessment may take between 2-4 months given some of the evaluation processes or components that the applicant has to go through (aptitude tests, portfolios and interviews). Therefore, applicants are encouraged to apply for the APEL certification much earlier than the date of admission to higher learning institutions.

The APEL.A application process begins with Self-Assessment. Check your eligibility by referring to the basic qualification requirements as stated in the student handbook and MMU website and ensure that these conditions are met. You should also consider that the application of APEL.A is a distinctive process that will require the use of skills such as time

management, reflection and self-motivation. If eligible, proceed by registering at the MQA link and subsequently selecting MMU as the APEL assessment centre for the Aptitude Test. You are then required to register on the MMU website after receiving a confirmation email from MQA. Next, upload the relevant certificates of eligibility for review by the APEL MMU Unit.

The qualification screening meeting will be held by the APEL Unit of MMU after receiving the notification email from MQA and registration of applicants. Unsuccessful applicants will be notified via email. Eligible applicants will proceed with payment of the APEL assessment fee. The structure of the APEL.A application fee for T-7 is as scheduled below:

Subject	Assessment Type	Assessment Fee (Malaysian Citizen)	Assessment Fee (Non-Malaysian Citizen)
APEL.A Applicant's Application Fee	Aptitude Test	RM200.00	USD750.00
	Portfolio	RM80.00	
	Interview	RM75.00	
	Assessment Material Management	RM15.00	
	Total	RM370.00	USD750.00

Next, you will be informed to sit for the Aptitude Test either at the Melaka or Cyberjaya campus (depending on your location). You will be notified of the test results by email within seven days from the date the test is taken. If you pass, you should now begin portfolio preparation. Should you fail, you can apply to sit for the Aptitude Test again. Additional fees will apply. You are advised to take self-training or preparatory courses in order to be able to answer better.

Portfolio preparation will begin as soon as you passed the Aptitude Test. The submission of the Portfolio is to be made 4 weeks after passing the Aptitude Test. Portfolio submissions must be made in both hardcopy and softcopy versions. The APEL MMU unit will inform the

panel of evaluators to evaluate the portfolio within 2 weeks. Once passed, you will be notified within one month from the last date of Portfolio evaluation. During this period, coordination meetings and score review will be held. In case you fail, you can submit an appeal to the MMU APEL Unit. The portfolio can be resubmitted after a period of 6 months.

You will be called for an interview approximately a month after the portfolio submission is made. A coordination meeting and review of APEL.A evaluation marks will be held before the evaluation results are notified to APEL T-7 applicants within one month after the interview. MQA will issue an APEL certificate for APEL T-7 applicants who pass. Certificate issuance fee will be charged as scheduled below:

No.	Subject	Fee (Malaysian Citizen)	Fee (Non-Malaysian Citizen)
1.	Certificate issuance charges	RM20.00	USD40.00
2.	Replacement certificate charges	RM50.00	USD100.00
3.	Certificate delivery charges*	RM15.00	USD30.00

PRE-ASSESSMENT

I. Self-Assessment

When considering whether to pursue APEL, you should keep in mind that it is a highly customised process that will include the use of skills such as self-motivation, reflection, and time management. You must first ensure that you have met the Ministry of Education's minimum entry requirements (see page 5).

II. Application Process

The registration and application processes for APEL.A assessment begin at MQA and are then directed to the selected APEL.A Assessment Centre (*Pusat Penilaian*

APEL(PPA)). The fee should be made payable to the respective PPA. The APEL.A registration form at MMU is attached as **Appendix 2**.

APEL.A Assessment for Master’s Degree Level (programme by Coursework and Mixed Mode)

An Aptitude Test is a formal examination that you must pass. It is the first component of the APEL.A assessment and has a weightage of 40% of the total APEL.A assessment for Master’s degree level. The purpose of the Aptitude Test is to assess your knowledge and competencies in the aspects of numerical literacy, languages, and general knowledge / critical thinking. The following table provides an overview of the content and structure of the Aptitude Test with a duration of 2 hours and 30 minutes:

Section	Test Content	Description of Questions
Numerical Literacy	<ul style="list-style-type: none"> • Basic mathematics • Basic algebra • Problem-solving 	Part A: 25 Objective questions Part B: 1 Structured question
English Literacy	<ul style="list-style-type: none"> • Reading & comprehension • Grammar & prose • Spelling • Vocabulary • Correction of errors 	Part A: 12 Objective questions Part B: 1 Structured question
Bahasa Malaysia Literacy	<ul style="list-style-type: none"> • Reading & comprehension • Grammar & prose • Spelling • Vocabulary • Correction of errors 	Part A: 13 Objective questions Part B: 1 Structured question

General Knowledge / Critical Thinking	<ul style="list-style-type: none"> • Logical reasoning • Classification skills • Pattern recognition 	Part A: 25 Objective questions Part B: 2 Structured questions
---	---	--

Once you have passed the Aptitude Test, you can proceed with the preparation of a portfolio. The portfolio must be prepared in English following the format as shown in **Appendix 3**. Your claim may include certificated learning and experiential learning. Attach certified copies of your certificates and documentation of courses as evidence of certificated learning. As for the experiential learning, you need to match your experience carefully to the stated MQF competencies (refer to Section 4, pages 5-6). Select relevant supporting evidence and link it to your reflective description. This may include documentary evidence and statements or testimonies from employers, clients and colleagues (refer to **Appendix 4**). Ensure that you are selective in choosing clear and concise evidence which have direct relevance to the learning acquired. The portfolio assessment carries a weightage of 50% of the total APEL.A assessment for Master's degree level. Please refer to the **Portfolio Guidelines for Level T7** for more details. An interview, which carries the weightage of 10%, will also be conducted to enable you to explain your acquired learning in greater detail. The portfolio assessment process is expected to be completed within 10 working days from the date of submission.

POST-ASSESSMENT

I. APEL Assessment Results

Multimedia University will send you an official notification letter to inform you of the results of your assessment. If you are successful, you will be awarded the APEL.A certificate by the MQA, which can be used to apply for admission to any Bachelor's degree program at any HEP.

II. Aptitude Test Re-Sit

Should you fail the Aptitude Test, you may apply for a re-sit with an additional fee. You are encouraged to engage in a preparation course or self-study/practice in order to perform better in the test. If you fail the portfolio, similarly, you may also appeal to re-submit your portfolio with an additional fee. This re-submission, however, must be done at least 6 months after the date of notification of the APEL.A results.

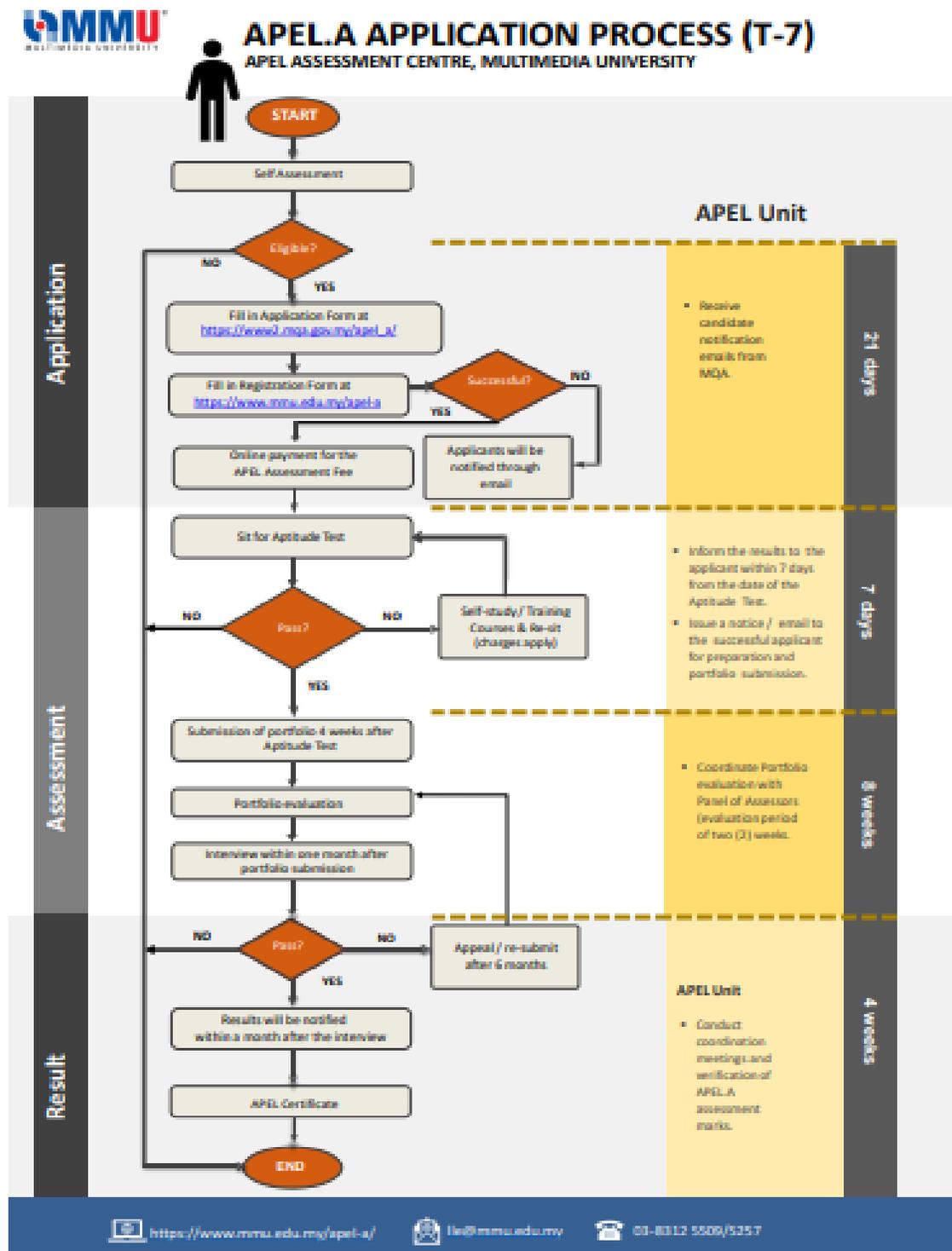
For enquiries, contact us at:

Lifelong Education Department,
Centre for Lifelong Education and Learning Innovation (LEARN).
Multimedia University.

Tel: **03-8312 5509**

Email: **lle@mmu.edu.my**

APEL.A APPLICATION PROCESS CHART



APEL.A REGISTRATION FORM



APEL.A REGISTRATION FORM

Instruction:

1. Each applicant must first complete the APEL.A - MQA Application Form on the APEL MQA Portal at the following link: https://www2.mqa.gov.my/apel_a/ and choose Multimedia University (MMU) as the APEL Assessment Centre (PPA)
2. The applicant must also complete the APEL.A Registration Form below for record and further action by the APEL Unit at MMU

Full Name (as in IC/Passport)			
Nationality	<input type="checkbox"/>	Malaysian	
	<input type="checkbox"/>	Non-Malaysian	
NRIC / Pasport no.			
Date of Birth			
Gender	<input type="checkbox"/>	Male	<input type="checkbox"/> Female
Correspondence Address			
Permanent/ Home/ Parent's Address (Please provide if different from above)			

Contact Number	Home	
	Office	
	Mobile	
Email		
Highest Qualification		
Do you intend to pursue your tertiary study in Multimedia University?		Yes
		No (but i would like to undertake my APEL Assessment at MMU)
Field of intended study		Business, Management and Administration
		Creative Multimedia
		Cinematic Arts
		Engineering & Technology
		Information Science & Technology
		Law
		Communication
Level of Intended Study		Bachelor (MQF Level 6)
		Master (MQF Level 7)
APEL.A Certificate		Self-Pick-Up at MMU Cyberjaya/ Melaka
		Send by Post (Postage = RM15)

I acknowledge all information provided is correct and I have read and fulfilled all the requirements set by the Ministry of Education

Signature :

Name :

Date :



APEL PORTFOLIO T-7

Recent photo

PART 1: PERSONAL DETAILS

FULL NAME							
IC / PASSPORT NUMBER							
INTENDED FIELD OF STUDY							
INTENDED PROGRAMME							
LEVEL OF STUDY	Certificate		Diploma		Bachelor		Master
REFERENCE NUMBER	(for MQA use only)						

PART 2: DETAILS OF LEARNING ACQUIRED (start with the most recent)

a) FORMAL LEARNING

Intentional learning/programme of study delivered within an organisation and structured context (pre-school, primary school, secondary school, technical college, and university) that may lead to formal recognition / a recognised qualification.

NO.	ACADEMIC QUALIFICATION	AWARDING BODY/ INSTITUTION	YEAR AWARDED	COMPETENCIES								EVIDENCE OF LEARNING*
				(Please tick ✓) (Please refer to Appendix 5 for a list of skills on what I have learned)								
				1	2	3	4	5	6	7	8	
1.												
2.												
3.												
4.												
5.												

b) INFORMAL LEARNING (start with the most recent)

Learning which takes place continuously through life and work experiences (sometimes known as experiential learning). It is often unintentional learning.

NO.	NAME OF EMPLOYER/ SELF-EMPLOYED	CONTACT ADDRESS	DURATION (MONTH/YEAR)		POSITION HELD	WHAT I HAVE LEARNT/ACQUIRED (Please tick ✓) (Please refer to Appendix 5 for a list of skills on what I have learned)								EVIDENCE OF LEARNING* (Please refer to Appendix 4 for examples of evidence)
			FROM	TO		1	2	3	4	5	6	7	8	
1.														
2.														
3.														
4.														
5.														

***Note: All evidence must be properly labelled**

	OTHER LEARNING ACTIVITIES This may include your hobbies/ sports/ recreation/ social/ community service/ training given/ consultancy services or other activities which might be relevant to the competencies.	YEAR	WHAT I HAVE LEARNT/ACQUIRED (Please tick ✓) (Please refer to Appendix 5 for a list of skills on what I have learned)								EVIDENCE OF LEARNING* (if any) (Please refer to Appendix 4 for examples of evidence)
			1	2	3	4	5	6	7	8	
1.											
2.											
3.											
4.											

***Note: All evidence must be properly labelled**

c) NON-FORMAL LEARNING (start with the most recent)

Learning takes place alongside the mainstream systems of education and training. It may be assessed but does not normally lead to formal certification.

NO.	NAME/TITLE OF TRAINING OR COURSE	ORGANISER /LOCATION	DATE	LENGTH (Hours/ Days/ Month)	WHAT I HAVE LEARNT/ACQUIRED (Please tick ✓) (Please refer to Appendix 5 for a list of skills on what I have learned)								EVIDENCE OF LEARNING * (If any) (Please refer to Appendix 4 for examples of evidence)
					1	2	3	4	5	6	7	8	
1.													
2.													
3.													
4.													
5.													

***Note: All evidence must be properly labelled**

d) LANGUAGE COMPETENCY

LANGUAGE		LEVEL OF COMPETENCE (Please tick ✓)															
		1: POOR; 2: AVERAGE; 3: GOOD; 4: EXCELLENT															
		LISTENING				READING				SPEAKING				WRITING			
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
1.																	
2.																	
3.																	

e) SELF ASSESSMENT/REFLECTION (Compulsory)

Describe how your prior learning experiences prepare you for the intended level of study (Not more than 250 words):

1. Why do you want to pursue this intended programme of study?
2. How is your prior learning experience applicable to/related to/relevant to your chosen field of study?
3. What are your action plans in ensuring the successful completion of your programme? (Commitment, time management, financial resources, and support, etc).
4. How will the completion of this programme help you in your life?

REFEREES (Family members and relatives cannot serve as referees)

NAME		
POSITION		
ORGANISATION		
PHONE NUMBER	OFFICE: <i>(Compulsory)</i>	MOBILE:
EMAIL ADDRESS		
RELATIONSHIP		

NAME		
POSITION		
ORGANISATION		
PHONE NUMBER	OFFICE: <i>(Compulsory)</i>	MOBILE:
EMAIL ADDRESS		
RELATIONSHIP		

PART 4: SELF DECLARATION

I hereby declare that all of the information/documents provided to support this application are authentic, true and accurate. I fully understand the Terms and Conditions of the application and agree that my application will be rejected if I have falsified any information in any way.

Signature:

Name:

Date:

This application is subject to the Terms and Conditions stated below

- a. Documents that are not in English or Bahasa Malaysia must be accompanied by a certified full translation.
- b. The Malaysian Qualifications Agency (MQA) is authorised by the applicant, to make references to and use the information or data in this application as may be deemed necessary.
- c. The certification applied for is designed to meet requirements set by the MQA. Admission to the Academic Programme applied for, using this APEL Certificate is subject to the Academic Regulations approved by the University/ College.
- d. Non-refundable application fee of **RM** is submitted. **Do not send cash.**

CHECKLIST		<i>For Office Use</i>	
	Yes No		
Photocopy IC	() ()	Acknowledgment	
Application Fee (Banker's Cheque/Draft No	() ()		
1 recent passport size photographs Certified Certificates/Documents			
1 copy of the application			
		Date	

LIST OF EVIDENCE

Examples of evidence that can be provided for application are listed below.

Direct Evidence	Indirect Evidence
<p>Certificates</p> <p>You can provide copies of your qualification:</p> <ul style="list-style-type: none"> - School certificates - Statement of results - Courses completed at work 	<p>Written Records</p> <p>You can provide copies of:</p> <ul style="list-style-type: none"> - Diaries - Records - Journals - Articles
<p>Work Samples</p> <p>You can provide samples of your work:</p> <ul style="list-style-type: none"> - Drawings or photographs - Reports - Written materials - Projects - Objects - Work of arts 	<p>E-mail</p> <p>You can provide copies of email communications that verify the following:</p> <ul style="list-style-type: none"> - Customer feedback - Work activities - Written skills
<p>Records of Workplace Activities</p> <p>You can provide documents that verify your work activities:</p> <ul style="list-style-type: none"> - Notes - Emails - Completed worksheets - Workplace agreement - Contracts 	<p>Supporting Letters</p> <p>You can provide letters to verify your claims from:</p> <ul style="list-style-type: none"> - Employers - Community group - People you have work with (paid and unpaid work)
<p>Documents</p> <p>You can provide evidence that shows what you have done in your life:</p> <ul style="list-style-type: none"> - Media articles - Meritorious awards 	

APPENDIX 5

List of competencies on what I have learned based on Learning Outcomes stipulated in the Malaysian Qualifications Framework 2nd edition:

1. Knowledge and understanding
2. Cognitive skills
3. Practical skills
4. Interpersonal and communication skills
5. Digital and numeracy skills
6. Leadership, autonomy, and responsibility
7. Personal and entrepreneurial skills
8. Ethics and professionalism