



UNIVERSITI
KEBANGSAAN
MALAYSIA

*The National University
of Malaysia*

F A K U L T I
TEKNOLOGI DAN
SAINS MAKLUMAT

*Faculty of Information Science and
Technology*



APEL.Q



APEL.Q SARJANA KESELAMATAN SIBER MASTER OF CYBER SECURITY

Ilmu, Mutu Dan Budi
Knowledge, Quality And Virtue

APA ITU APEL.Q

What is Apel.Q

Pengakreditasi Pembelajaran Berasaskan Pengalaman Terdahulu (Accreditation of Prior Experiential Learning, APEL) merupakan satu proses sistematik yang melibatkan identifikasi, dokumentasi dan penilaian pembelajaran berasaskan pengalaman terdahulu. Calon layak mendapat penganugerahan kelayakan akademik berdasarkan kaedah penilaian ilmu yang diperolehi daripada pendidikan formal, pengalaman kerja, pengalaman hidup atau/dan himpunan kursus pendek.

Accreditation of Prior Experiential Learning (APEL) is a systematic process that involves the identification, documentation and evaluation of learning based on prior experience. Candidates are eligible to be awarded academic qualifications based on knowledge assessment methods obtained from formal education, work experience, life experience or/and a collection of short courses.

Individu dengan tempoh pengalaman kerja yang relevan (sekitar 20 tahun) layak memohon.
Individuals with a period of relevant work experience (around 20 years) are eligible to apply.

PROSES PERMOHONAN APEL.Q

APEL.Q Application Process



***Tempoh Maksimum Melengkapkan APEL.Q bagi peringkat Sarjana adalah 4 tahun**
**The maximum duration to complete APEL.Q for the Master level is four (4) years.*

HASIL PEMBELAJARAN PROGRAM SARJANA KESELAMATAN SIBER

Program Learning Outcomes for Master of Cyber Security

- HPP 1** Mengintegrasikan pengetahuan lanjutan berkaitan bidang Keselamatan Siber
Integrating advanced knowledge related to the field of Cyber Security
- HPP 2** Menghasilkan penyelesaian berinovasi berkaitan bidang Keselamatan Siber
Generating innovative solutions related to the field of Cyber Security
- HPP 3** Membina penyelesaian berkaitan bidang Keselamatan Siber dengan menggunakan alatan yang bersesuaian
Building solutions related to the field of Cyber Security using appropriate tools
- HPP 4** Berinteraksi secara berkesan melalui pelbagai perbincangan berkaitan bidang Keselamatan Siber
Effectively interacting through various discussions related to the field of Cyber Security
- HPP 5** Berkommunikasi secara berkesan melalui penerbitan dan pembentangan bahan teknikal berkaitan bidang Keselamatan Siber
Communicating effectively through the publication and presentation of technical materials related to the field of Cyber Security
- HPP 6** Mengaplikasi kemahiran numerikal untuk yang bersesuaian dalam menyelesaikan permasalahan berkaitan Keselamatan Siber
Applying numerical skills appropriately to solve problems related to Cyber Security
- HPP 7** Memilih teknologi digital yang bersesuaian dalam menyelesaikan permasalahan berkaitan bidang Keselamatan Siber
Selecting suitable digital technologies to solve problems related to the field of Cyber Security
- HPP 8** Mempamerkan kepimpinan, berpasukan, autonomi dan kebertanggungjawaban dalam menyampaikan tugas
Demonstrating leadership, teamwork, autonomy, and accountability in task delivery
- HPP 9** Mempamer keupayaan untuk mengeluarkan idea dan pemikiran keusahawanan dengan bidang Keselamatan Siber
Demonstrating the ability to generate entrepreneurial ideas and thinking in the field of Cyber Security
- HPP 10** Mempamer perlakuan yang seiring dengan amalan profesional, beretika dan pertimbangan sosial
Exhibiting behavior consistent with professional practice, ethics, and social considerations
- HPP 11** Membuktikan keupayaan untuk meluaskan pengetahuan berkaitan dengan bidang Keselamatan Siber
Demonstrating the ability to expand knowledge related to the field of Cyber Security

BIDANG PENGETAHUAN SARJANA KESELAMATAN SIBER

Body Of Knowledge Master Of Cyber Security

Teras / Fundamental

Keselamatan Komputer
Computer Security

Pengurusan Keselamatan Maklumat
Information Security Management

Etika dan Undang-undang Siber
Cyber Law and Ethics

Keselamatan Rangkaian
Network Security

Kaedah Penyelidikan dalam Komputeran
Research Methods in Computing

Pilihan / Option

Track 1: Keselamatan Maklumat / Information Security

Track 2: Forensik Digital / Digital Forensics

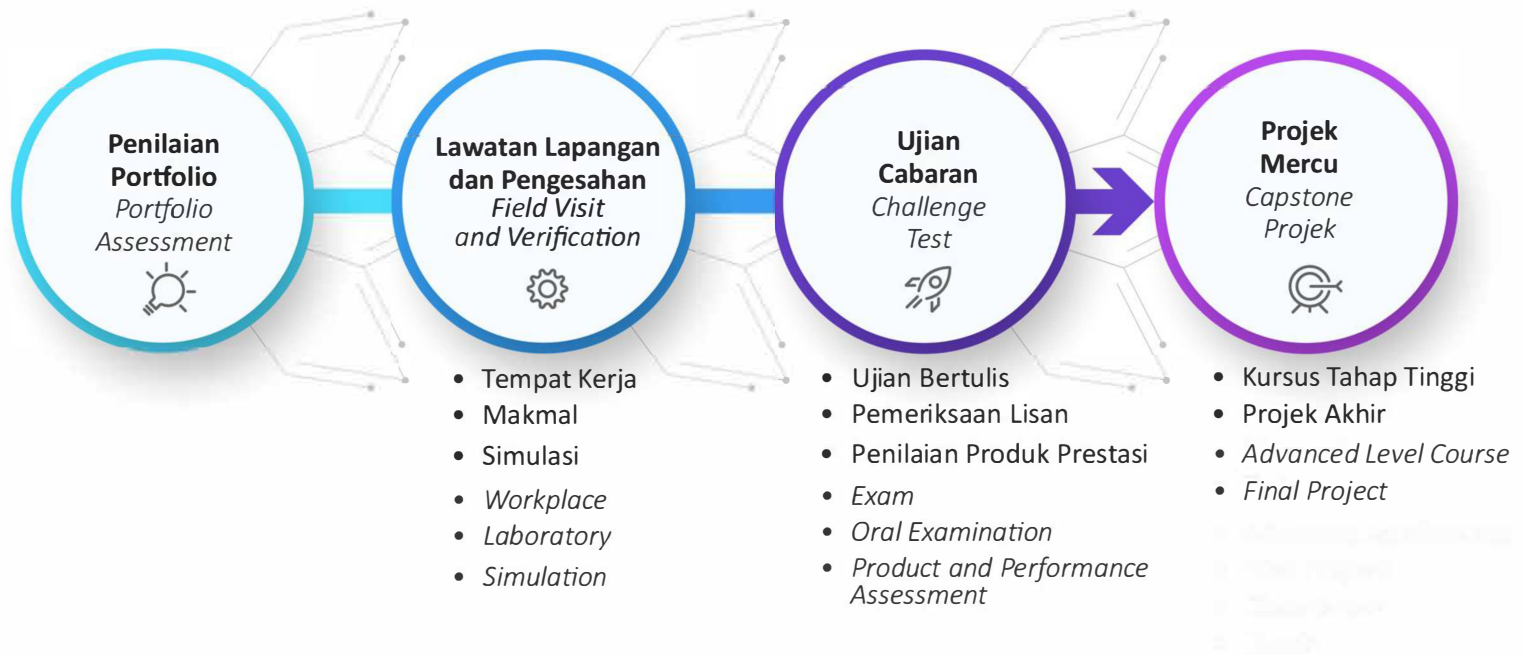
Track 3: Analitik Siber / Cyber Analytics

Track 4: Keselamatan Teknologi Kewangan / Financial Technology Security

Ilmu, Mutu Dan Budi
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INSTRUMEN PENTAKSIRAN

Assessment Instruments



“Penilaian hendaklah berasaskan hasil yang memfokuskan kepada Bidang Pengetahuan dan kecekapan program” – GGP APEL.Q, MQA

“Assessments should be outcome-based focusing on the Body of Knowledge and competencies of the programme” – GGP APEL.Q, MQA



PROSES PENILAIAN KENDIRI (SEBELUM PENTAKSIRAN DIJALANKAN)

Self-Assessment Process (Before The Assessment Is Conducted)

1. Pelajar perlu mencetak dan melengkapkan Borang Penilaian Kendiri bersama Laporan 1000 perkataan beserta bukti-bukti.
Students must print and complete the Self-Assessment Form with a 1000-word report and supporting evidence.
2. Borang Penilaian Kendiri, Laporan 1000 patah perkataan, dan semua bukti yang berkenaan perlu digabungkan, dicetak sebanyak dua (2) salinan keras dan perlu dihantar ke Unit Pengajian Siswazah, Fakulti Teknologi dan Sains Maklumat.
The Self-Assessment Form, the 1000-word report, and all relevant evidence must be combined, printed in two (2) copy, and submitted to the Postgraduate Unit, Faculty of Information Science and Technology.
3. Satu (1) salian lembut perlu diemel kepada urusetia APEL.Q, Fakulti Teknologi dan Sains Maklumat.
Students also must email one (1) softcopy to the APEL.Q Administrative Assistant, Faculty of Technology and Information Science.

BAHAGIAN B: PENILAIAN KENDIRI PELAJAR

SECTION B: STUDENT SELF-ASSESSMENT

Tandakan (✓) mana-mana yang berkaitan

| Hasil Pembelajaran Program <i>Program Learning Outcomes</i> | Saya telah mempelajari perkara ini melalui pembelajaran terdahulu atau pekerjaan terdahulu dan boleh menyediakan bukti/dokumen/sijil yang berkaitan. <i>I have learned about this through previous learning or work experience and can provide relevant evidence/documents/certificates.</i> | Saya tahu hampir semua berkaitan perkara ini tetapi tiada dokumen yang boleh disertakan sebagai pembuktian. <i>I am familiar with almost all aspects of this, but there are no documents that can be included as evidence.</i> | Saya sanggup melengkapkan ujian / tugas atau apa juga bentuk pentaksiran untuk menunjukkan bahawa saya telah mempelajari perkara ini. <i>I am willing to complete exams/assignments or any form of assessment to demonstrate that I have learned about this.</i> |
|--|---|---|---|
| HPP 1 | ✓ | | ✓ |
| HPP 2 | ✓ | | ✓ |
| HPP 3 | ✓ | | ✓ |
| HPP 4 | ✓ | | ✓ |
| HPP 5 | ✓ | | ✓ |
| HPP 6 | | ✓ | ✓ |
| HPP 7 | | ✓ | ✓ |
| HPP 8 | | ✓ | ✓ |
| HPP 9 | | ✓ | ✓ |
| HPP 10 | | ✓ | ✓ |
| HPP 11 | ✓ | | ✓ |



QR CODE BORANG PERMOHONAN APEL.Q
QR Code for APEL.Q Application Form



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