

## LAMPIRAN PK01A

### TEMPLAT: PENYEDIAAN DOKUMEN UNTUK PERMOHONAN PROGRAM BAHARU: MOD KERJA KURSUS DAN MOD CAMPURAN

TEMPLATE: PREPARATION OF DOCUMENTS FOR NEW PROGRAMME APPLICATION: COURSE WORK MODE AND MIXED MODE

Untuk tujuan penyediaan dokumen bagi tujuan permohonan program baharu (mod kerja kursus dan mod campuran), Fakulti/Institut/Pusat Akademik perlu melengkapkan dua (2) bahagian utama dokumen seperti berikut:

*For the purpose of preparing documents for the new programme application (coursework and mixed modes), the Faculty / Institute / Academic Center must complete two (2) main parts of the document as follows:*

- A. Ringkasan Eksekutif (*Executive Summary*);
- B. Kertas Cadangan Semakan Program (*Programme / Curriculum Review Proposal Paper*);

#### A. Ringkasan Eksekutif (*Executive Summary*)

**Sila sediakan Ringkasan Eksekutif seperti berikut:**

*Please prepare the Executive Summary as follows:*

#### **RINGKASAN EKSEKUTIF SEMAKAN PROGRAM PENGAJIAN**

*(EXECUTIVE SUMMARY FOR PROGRAMME REVIEW)*

| <b>RINGKASAN EKSEKUTIF (EXECUTIVE SUMMARY)</b> |  |  |
|--|--|--|
| <b>1.</b>                                      | <b>FAKULTI/INSTITUT/PUSAT AKADEMIK YANG MEMOHON</b><br><i>APPLYING FACULTY / INSTITUTE / ACADEMIC CENTER</i> |  |
| <b>2.</b>                                      | <b>ALAMAT PROGRAM DIJALANKAN (LOKASI PENAWARAN)</b><br><i>ADDRESS OF PROGRAMME (LOCATION)</i>                |  |
| <b>3.</b>                                      | <b>BIDANG TUJAHAN FAKULTI/INSTITUT</b><br><i>FACULTY / INSTITUTE NICHE AREA</i>                              |  |
| <b>4.</b>                                      | <b>TUJUAN</b><br><i>PURPOSE</i>  |  |
| <b>5.</b>                                      | <b>PROGRAM PENGAJIAN YANG DIPOHON</b><br><i>APPLIED STUDY PROGRAMME</i>                                      |  |

| 6.   | <b>BIDANG PENGAJIAN PROGRAM DAN KOD NEC</b><br><i>PROGRAMME STUDY FIELD AND NATIONAL EDUCATION CODE (NEC)</i> |  |  |  |   |                                 |                                   |                                    |                                  |                                    |                                    |
|--|---|--|--|--|---|---------------------------------|-----------------------------------|------------------------------------|----------------------------------|------------------------------------|------------------------------------|
| 7.   | <b>PERINGKAT DAN MOD PENAWARAN</b><br><i>LEVEL AND MODE OF STUDY</i>  |  |  |  |   |                                 |                                   |                                    |                                  |                                    |                                    |
| 8.   | <b>KAEDAH DAN TEMPOH PENGAJIAN</b><br><i>METHOD AND PERIOD OF STUDY</i>                                       | <p>Contoh/Example :</p> <table border="1"> <thead> <tr> <th><b>Kaedah Pengajian</b><br/><i>Methods of Study</i></th> <th><b>Tempoh Minimum</b><br/><i>Minimum Period</i></th> <th><b>Tempoh Maksimum</b><br/><i>Maximum period</i></th> </tr> </thead> <tbody> <tr> <td>Sepenuh Masa<br/><i>Fulltime</i></td> <td>4 tahun / 4 years<br/>(8 semester)</td> <td>6 tahun / 6 years<br/>(12 semester)</td> </tr> <tr> <td>Separuh Masa<br/><i>Part time</i></td> <td>6 tahun / 6 years<br/>(12 semester)</td> <td>8 tahun / 8 years<br/>(16 semester)</td> </tr> </tbody> </table> | <b>Kaedah Pengajian</b><br><i>Methods of Study</i> | <b>Tempoh Minimum</b><br><i>Minimum Period</i> | <b>Tempoh Maksimum</b><br><i>Maximum period</i> | Sepenuh Masa<br><i>Fulltime</i> | 4 tahun / 4 years<br>(8 semester) | 6 tahun / 6 years<br>(12 semester) | Separuh Masa<br><i>Part time</i> | 6 tahun / 6 years<br>(12 semester) | 8 tahun / 8 years<br>(16 semester) |
| <b>Kaedah Pengajian</b><br><i>Methods of Study</i> | <b>Tempoh Minimum</b><br><i>Minimum Period</i>  | <b>Tempoh Maksimum</b><br><i>Maximum period</i>  |  |  |   |                                 |                                   |                                    |                                  |                                    |                                    |
| Sepenuh Masa<br><i>Fulltime</i>                    | 4 tahun / 4 years<br>(8 semester)   | 6 tahun / 6 years<br>(12 semester)   |  |  |   |                                 |                                   |                                    |                                  |                                    |                                    |
| Separuh Masa<br><i>Part time</i>                   | 6 tahun / 6 years<br>(12 semester)  | 8 tahun / 8 years<br>(16 semester)   |  |  |   |                                 |                                   |                                    |                                  |                                    |                                    |
| 9.   | <b>SESI PENGAJIAN PROGRAM AKADEMIK DIMULAKAN</b><br><i>PROGRAMME STUDY SESSION STARTED</i>                    |  |  |  |   |                                 |                                   |                                    |                                  |                                    |                                    |
| 10.  | <b>KAEDAH PENYAMPAIAN PROGRAM</b><br><i>PROGRAMME DELIVERY METHOD</i>   |  |  |  |   |                                 |                                   |                                    |                                  |                                    |                                    |
| 11.  | <b>JUSTIFIKASI PROGRAM MENGADAKAN PROGRAM</b><br><i>PROGRAMME JUSTIFICATION</i>                               |  |  |  |   |                                 |                                   |                                    |                                  |                                    |                                    |
| 12.  | <b>OBJEKTIF PENDIDIKAN PROGRAM</b><br><i>PROGRAMME EDUCATIONAL OBJECTIVES</i>                                 |  |  |  |   |                                 |                                   |                                    |                                  |                                    |                                    |
| 13.  | <b>HASIL PEMBELAJARAN PROGRAM</b><br><i>PROGRAMME LEARNING OUTCOMES</i>                                       |  |  |  |   |                                 |                                   |                                    |                                  |                                    |                                    |
| 14.  | <b>ANALISIS KEPERLUAN</b><br><i>NEEDS ANALYSIS</i>  |  |  |  |   |                                 |                                   |                                    |                                  |                                    |                                    |
| 15.  | <b>STRUKTUR KURIKULUM</b><br><i>CURRICULUM STRUCTURE</i>  |  |  |  |   |                                 |                                   |                                    |                                  |                                    |                                    |
| 16.  | <b>SILIBUS</b><br><i>SYLLABUS</i>   |  |  |  |   |                                 |                                   |                                    |                                  |                                    |                                    |
| 17.  | <b>ETIKA DAN KEMANUSIAAN</b><br><i>ETHICS AND HUMANITY</i>  |  |  |  |   |                                 |                                   |                                    |                                  |                                    |                                    |

| 18.                           | <p><b>UNJURAN PELAJAR</b><br/><i>STUDENT PROJECTION</i></p>  | <table border="1"> <thead> <tr> <th data-bbox="778 264 922 360">Tahun<br/><i>Year</i></th> <th data-bbox="922 264 1018 360">Tahun<br/><i>Year</i></th> <th data-bbox="1018 264 1114 360">Tahun<br/><i>Year</i></th> <th data-bbox="1114 264 1209 360">Tahun<br/><i>Year</i></th> <th data-bbox="1209 264 1305 360">Tahun<br/><i>Year</i></th> <th data-bbox="1305 264 1390 360">Tahun<br/><i>Year</i></th> </tr> </thead> <tbody> <tr> <td data-bbox="778 360 922 416">Unjuran<br/><i>Projections</i></td> <td data-bbox="922 360 1018 416"></td> <td data-bbox="1018 360 1114 416"></td> <td data-bbox="1114 360 1209 416"></td> <td data-bbox="1209 360 1305 416"></td> <td data-bbox="1305 360 1390 416"></td> </tr> <tr> <td data-bbox="778 416 922 472">Enrolmen<br/><i>Enrollment</i></td> <td data-bbox="922 416 1018 472"></td> <td data-bbox="1018 416 1114 472"></td> <td data-bbox="1114 416 1209 472"></td> <td data-bbox="1209 416 1305 472"></td> <td data-bbox="1305 416 1390 472"></td> </tr> <tr> <td data-bbox="778 472 922 544">Keluaran<br/><i>Output</i></td> <td data-bbox="922 472 1018 544"></td> <td data-bbox="1018 472 1114 544"></td> <td data-bbox="1114 472 1209 544"></td> <td data-bbox="1209 472 1305 544"></td> <td data-bbox="1305 472 1390 544"></td> </tr> </tbody> </table> | Tahun<br><i>Year</i> | Tahun<br><i>Year</i> | Tahun<br><i>Year</i> | Tahun<br><i>Year</i> | Tahun<br><i>Year</i> | Tahun<br><i>Year</i> | Unjuran<br><i>Projections</i> |  |  |  |  |  | Enrolmen<br><i>Enrollment</i> |  |  |  |  |  | Keluaran<br><i>Output</i> |  |  |  |  |  |
|-------------------------------|--|---|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|-------------------------------|--|--|--|--|--|-------------------------------|--|--|--|--|--|---------------------------|--|--|--|--|--|
| Tahun<br><i>Year</i>          | Tahun<br><i>Year</i>   | Tahun<br><i>Year</i>  | Tahun<br><i>Year</i> | Tahun<br><i>Year</i> | Tahun<br><i>Year</i> |                      |                      |                      |                               |  |  |  |  |  |                               |  |  |  |  |  |                           |  |  |  |  |  |
| Unjuran<br><i>Projections</i> |  |   |                      |                      |                      |                      |                      |                      |                               |  |  |  |  |  |                               |  |  |  |  |  |                           |  |  |  |  |  |
| Enrolmen<br><i>Enrollment</i> |  |   |                      |                      |                      |                      |                      |                      |                               |  |  |  |  |  |                               |  |  |  |  |  |                           |  |  |  |  |  |
| Keluaran<br><i>Output</i>     |  |   |                      |                      |                      |                      |                      |                      |                               |  |  |  |  |  |                               |  |  |  |  |  |                           |  |  |  |  |  |
| 19.                           | <p><b>SYARAT KEMASUKAN KE PROGRAM</b><br/><i>PROGRAMME ADMISSION REQUIREMENTS</i></p>  |   |                      |                      |                      |                      |                      |                      |                               |  |  |  |  |  |                               |  |  |  |  |  |                           |  |  |  |  |  |
| 20.                           | <p><b>IMPLIKASI KAKITANGAN, FIZIKAL DAN KEWANGAN</b><br/><i>IMPLICATIONS OF STAFF, FACILITIES AND FINANCES</i></p>   |   |                      |                      |                      |                      |                      |                      |                               |  |  |  |  |  |                               |  |  |  |  |  |                           |  |  |  |  |  |
| 21.                           | <p><b>PERTINDIHAN PROGRAM YANG DIPOHON DENGAN UNIVERSITI LAIN DALAM NEGARA</b><br/><i>OVERLAPPING OF ACADEMIC PROGRAMMES WITH OTHER LOCAL UNIVERSITIES</i></p> |   |                      |                      |                      |                      |                      |                      |                               |  |  |  |  |  |                               |  |  |  |  |  |                           |  |  |  |  |  |
| 22.                           | <p><b>PERBANDINGAN DENGAN PROGRAM AKADEMIK DI UNIVERSITI LUAR NEGARA</b><br/><i>COMPARISON WITH ACADEMIC PROGRAMMES AT INTERNATIONAL UNIVERSITIES</i></p>      |   |                      |                      |                      |                      |                      |                      |                               |  |  |  |  |  |                               |  |  |  |  |  |                           |  |  |  |  |  |
| 23.                           | <p><b>PENJUMUDAN/PEMBEKUAN/PELUPUSAN PROGRAM (SEKIRANYA BERKAITAN)</b><br/><i>SUSPENDED / WITHHOLD / DISCONTINUED (IF RELATED)</i></p>                         |   |                      |                      |                      |                      |                      |                      |                               |  |  |  |  |  |                               |  |  |  |  |  |                           |  |  |  |  |  |
| 24.                           | <p><b>KOS PELAKSANAAN PROGRAM</b><br/><i>PROGRAMME IMPLEMENTATION COST</i></p>   |   |                      |                      |                      |                      |                      |                      |                               |  |  |  |  |  |                               |  |  |  |  |  |                           |  |  |  |  |  |

| 25.   | <p><b>KEAHLIAN DAN ULASAN JAWATANKUASA PENASIHAT FAKULTI/ INSTITUT/PROGRAM ATAU LEMBAGA PENGAJIAN TERHADAP PROGRAM PENGAJIAN YANG DIPOHON</b></p> <p><i>MEMBERSHIP AND COMMENTS OF FACULTY/INSTITUTE/PROGRAMME ADVISORY COMMITTEE OR BOARD OF STUDIES ON THE PROGRAMME</i></p> |  |                           |                    |   |  |   |  |       |  |        |  |                              |  |
|---|--|--|---------------------------|--------------------|---|--|---|--|-------|--|--------|--|------------------------------|--|
| 26.   | <p><b>TARIKH PROGRAM DILULUSKAN</b></p> <p><i>PROGRAMME APPROVAL DATE</i></p>  | <table border="1"> <thead> <tr> <th data-bbox="778 757 1171 808"><b>Kelulusan Approval</b></th> <th data-bbox="1171 757 1391 808"><b>Tarikh Date</b></th> </tr> </thead> <tbody> <tr> <td data-bbox="778 808 1171 938">*Jawatan Kuasa Penasihat Fakulti/Institut/ Program atau Lembaga Pengajian;<br/><i>*Faculty / Institute / Programme or Board of Education Advisory Committee;</i></td> <td data-bbox="1171 808 1391 938"></td> </tr> <tr> <td data-bbox="778 938 1171 990">*Mesyuarat Fakulti/Institut;<br/><i>*Faculty / Institute Meetings;</i></td> <td data-bbox="1171 938 1391 990"></td> </tr> <tr> <td data-bbox="778 990 1171 1016">*JPPA</td> <td data-bbox="1171 990 1391 1016"></td> </tr> <tr> <td data-bbox="778 1016 1171 1043">*Senat</td> <td data-bbox="1171 1016 1391 1043"></td> </tr> <tr> <td data-bbox="778 1043 1171 1070">*Lembaga Pengarah Universiti</td> <td data-bbox="1171 1043 1391 1070"></td> </tr> </tbody> </table> <p><b>*untuk semakan semasa</b><br/><i>*For the current review</i></p> | <b>Kelulusan Approval</b> | <b>Tarikh Date</b> | *Jawatan Kuasa Penasihat Fakulti/Institut/ Program atau Lembaga Pengajian;<br><i>*Faculty / Institute / Programme or Board of Education Advisory Committee;</i> |  | *Mesyuarat Fakulti/Institut;<br><i>*Faculty / Institute Meetings;</i> |  | *JPPA |  | *Senat |  | *Lembaga Pengarah Universiti |  |
| <b>Kelulusan Approval</b>   | <b>Tarikh Date</b>   |  |                           |                    |   |  |   |  |       |  |        |  |                              |  |
| *Jawatan Kuasa Penasihat Fakulti/Institut/ Program atau Lembaga Pengajian;<br><i>*Faculty / Institute / Programme or Board of Education Advisory Committee;</i> |  |  |                           |                    |   |  |   |  |       |  |        |  |                              |  |
| *Mesyuarat Fakulti/Institut;<br><i>*Faculty / Institute Meetings;</i>   |  |  |                           |                    |   |  |   |  |       |  |        |  |                              |  |
| *JPPA   |  |  |                           |                    |   |  |   |  |       |  |        |  |                              |  |
| *Senat  |  |  |                           |                    |   |  |   |  |       |  |        |  |                              |  |
| *Lembaga Pengarah Universiti  |  |  |                           |                    |   |  |   |  |       |  |        |  |                              |  |
| 27.   | <p><b>KESIMPULAN/SYOR</b></p> <p><i>CONCLUSION / RECOMMENDATION</i></p>  |  |                           |                    |   |  |   |  |       |  |        |  |                              |  |

## **B. Kertas Cadangan Semakan Program/Kurikulum**

### *Programme/Curriculum Review Proposal Paper*

1. **FAKULTI/INSTITUT/PUSAT AKADEMIK YANG MEMOHON**  
*APPLYING FACULTY / INSTITUTE / ACADEMIC CENTER*
2. **ALAMAT PROGRAM DIJALANKAN (LOKASI PENAWARAN)**  
*ADDRESS OF PROGRAMME (LOCATION)*
3. **BIDANG TUJAHAN FAKULTI/INSTITUT**  
*FACULTY / INSTITUTE NICHE AREA*
4. **TUJUAN**  
*PURPOSE*
5. **PROGRAM PENGAJIAN YANG DIPOHON**  
*APPLIED STUDY PROGRAMME*
6. **BIDANG PENGAJIAN PROGRAM DAN KOD NEC**  
*PROGRAMME STUDY FIELD AND NATIONAL EDUCATION CODE (NEC)*
7. **PERINGKAT DAN MOD PENAWARAN**  
*LEVEL AND MODE OF STUDY*
8. **KAEDAH DAN TEMPOH PENGAJIAN**  
*METHOD AND PERIOD OF STUDY*
9. **SESI PENGAJIAN PROGRAM AKADEMIK DIMULAKAN**  
*PROGRAMME STUDY SESSION STARTED*
10. **KAEDAH PENYAMPAIAN PROGRAM**  
*PROGRAMME DELIVERY METHOD*
11. **JUSTIFIKASI MENGADAKAN PROGRAM**  
*PROGRAMME JUSTIFICATION*
12. **OBJEKTIF PENDIDIKAN PROGRAM**  
*PROGRAMME EDUCATIONAL OBJECTIVES*
13. **HASIL PEMBELAJARAN PROGRAM**  
*PROGRAMME LEARNING OUTCOMES*
14. **ANALISIS KEPERLUAN**  
*NEEDS ANALYSIS*
15. **STRUKTUR KURIKULUM**  
*CURRICULUM STRUCTURE*
16. **SILIBUS**  
*SYLLABUS*

- 17. ETIKA DAN KEMANUSIAAN**  
*ETHICS AND HUMANITY*
- 18. UNJURAN PELAJAR**  
*STUDENT PROJECTION*
- 19. SYARAT KEMASUKAN KE PROGRAM**  
*PROGRAMME ADMISSION REQUIREMENTS*
- 20. IMPLIKASI KAKITANGAN, FIZIKAL DAN KEWANGAN**  
*IMPLICATIONS OF STAFF, FACILITIES AND FINANCES*
- 21. PERTINDIHAN PROGRAM YANG DIPOHON DENGAN UNIVERSITI LAIN DALAM NEGARA**  
*OVERLAPPING OF ACADEMIC PROGRAMMES WITH OTHER LOCAL UNIVERSITIES*
- 22. PERBANDINGAN DENGAN PROGRAM AKADEMIK DI UNIVERSITI LUAR NEGARA**  
*COMPARISON WITH ACADEMIC PROGRAMMES AT INTERNATIONAL UNIVERSITIES*
- 23. PENJUMUDAN/PEMBEKUAN/PELUPUSAN PROGRAM (SEKIRANYA BERKAITAN)**  
*SUSPENDED / WITHHOLD / DISCONTINUED (IF RELATED)*
- 24. KOS PELAKSANAAN PROGRAM**  
*PROGRAMME IMPLEMENTATION COST*
- 25. KEAHLIAN DAN ULASAN JAWATANKUASA PENASIHAT FAKULTI/ INSTITUT/PROGRAM  
ATAU LEMBAGA PENGAJIAN TERHADAP PROGRAM PENGAJIAN YANG DIPOHON**  
*MEMBERSHIP AND COMMENTS OF FACULTY/INSTITUTE/PROGRAMME ADVISORY  
COMMITTEE OR BOARD OF STUDIES ON THE PROGRAMME*
- 26. TARIKH PROGRAM DILULUSKAN**  
*PROGRAMME APPROVAL DATE*
- 27. KESIMPULAN/SYOR**  
*CONCLUSION / RECOMMENDATION*

**LAMPIRAN KERTAS CADANGAN  
SEMAKAN PROGRAM KERJA KURSUS  
DAN MOD CAMPURAN**

*PROPOSAL PAPER FOR  
COURSE WORK AND MIXED MODE  
PROGRAMME REVIEW ATTACHEMENT*

**Lampiran 3.1: Borang Analisis Program Berdasarkan Indikator Kriteria Pendidikan 4.0 UKM dan Contoh Jawapan**

*Attachment 3.1: Programme Analysis Form Based on UKM 4.0 Education Criteria Indicators and Sample Answers*

| Bil No | Tema Kriteria Pendidikan 4.0<br><i>Education 4.0 Criteria Theme</i>                         | Indikator<br><i>Indicator</i>  | Sebelum Semakan Program<br><i>Before Programme Review</i>         |   | Setelah Semakan Program<br><i>After Programme Review</i>          |   |
|--------|---|--|---|---|---|---|
|        |   |  | Mengikut Indikator<br><i>According to Indicators</i><br>(✓) / (✗) | Mengikut Tema<br><i>According to Theme</i><br>(✓) / (✗) | Mengikut Indikator<br><i>According to Indicators</i><br>(✓) / (✗) | Mengikut Tema<br><i>According to Theme</i><br>(✓) / (✗) |
| 1.     | Tujuan dan Objektif Pendidikan Program<br><i>Programme Educational Goals and Objectives</i> | a. Salah satu atau lebih dalam komponen 'Tujuan Program' sama ada falsafah, hasrat dan kewajarannya menyokong keperluan Revolusi Perindustrian Ke-4; <b>dan</b><br><i>One or more of the components of the 'Programme Goals' whether its philosophy, aspirations and propriety support the needs of the 4th Industrial Revolution; and</i> | ✓   |   | ✓   |   |
|        |   | b. Sekurang-kurangnya 50% Objektif Pendidikan Program perlu menyokong keperluan Revolusi Perindustrian Ke-4.<br><i>At least 50% of the Programme Education Objectives should support the needs of the 4th Industrial Revolution.</i>   | ✓   | ✓   | ✓   | ✓   |



|    |   |  |   |   |   |   |
|----|---|--|---|---|---|---|
| 2. | <b>Kemahiran<br/>Graduan Masa<br/>Hadapan</b><br><i>Future<br/>Graduate Skills</i>  | HPP dan HPK perlu meliputi minimum 50% set kemahiran atau kompetensi masa hadapan yang disenaraikan;<br><i>PLO and CLO must cover a minimum of 50% of the set of future skills or competencies listed;</i>                                     | ✓ | ✓ | ✓ | ✓ |
| 3. | <b>Pengiktirafan<br/>kepada<br/>Pembelajaran<br/>Sepanjang<br/>Hayat</b><br><i>Recognition to<br/>Lifelong<br/>Learning</i> | <b>c.</b> Sekurang-kurangnya 10% daripada pelajar yang diambil mempunyai sijil APEL (A); <b>atau</b><br><i>At least 10% of the students accepted have an APEL certificate (A); or</i>  | ✗ |   | ✓ |   |
|    |   | <b>d.</b> Sekurang-kurangnya 10% pelajar mendapat pemindahan kredit melalui APEL (C); <b>dan</b><br><i>At least 10% of students get credit transfer through APEL (C); and</i>  | ✓ |   | ✓ | ✓ |
|    |   | <b>e.</b> Program mempunyai program gandingan Sijil Profesional yang menggunakan kursus-kursus sedia ada dalam program.<br><i>The programme has a Professional Certificate coupling programme that uses existing courses in the programme.</i> | ✗ |   | ✓ |   |
| 4. | <b>Kurikulum<br/>Luwes</b><br><i>Flexible<br/>Curriculum</i>  | Sekurang-kurangnya 20% daripada kredit minimum program adalah kursus elektif atau kursus-kursus dalam modul pelbagai laluan (minimum tiga laluan). Kursus ini perlu  | ✗ | ✗ | ✓ | ✓ |

|    |   |   |   |   |   |   |
|----|---|---|---|---|---|---|
|    |   | diambil dalam bentuk rentas fakulti atau melalui program mobiliti dengan program dalam atau luar negara;<br><i>At least 20% of the programme minimum credit is elective courses or courses in multi-route modules (minimum three routes). This course should be taken in the form of cross-faculty or through mobility programmes with local or international programmes;</i> |   |   |   |   |
| 5. | <b>Kurikulum Boleh Ubah</b><br><i>Changeable Curriculum</i>                             | Sekurang-kurangnya 50% daripada struktur kurikulum adalah bersifat organik dan boleh lentur.<br><i>At least 50% of the curriculum structure is organic and flexible.</i>  | x | x | x | x |
| 6. | <b>Kolaborasi dengan Pemegang Kepentingan</b><br><i>Collaboration with Stakeholders</i> | a. Program 2U2i – 50%-50%, 2 tahun universiti, 2 tahun industri; <b>atau</b><br><i>2U2i Programme - 50% - 50%, 2 years of university, 2 years of industry; or</i>   | x |   | x |   |
|    |   | b. Program 3U1i – 75%-25%, 3 tahun universiti, 1 tahun industri; <b>atau</b><br><i>3U1i Program - 75% -25%, 3 years of university, 1 year of industry; or</i>   | x | ✓ | ✓ | ✓ |
|    |   | c. Untuk program lain, minimum 20% kursus adalah kursus kolaborasi interaktif dengan industri.<br><i>For other programmes, a minimum of 20% of the courses are interactive</i>  | ✓ |   | x |   |

|    |  |   |   |   |   |   |
|----|--|---|---|---|---|---|
|    |  | <i>collaboration courses with industry.</i>   |   |   |   |   |
| 7. | <b>Kolaborasi dengan IPT Lain</b><br><i>Collaboration with Other HEIs</i>        | Mana-mana program yang mematuhi struktur kurikulum seperti yang disenaraikan.<br><i>Any programme that adheres to the curriculum structure as listed.</i>   | x | x | ✓ | ✓ |
| 8. | <b>Kaedah Penyampaian Transformatif</b><br><i>Transformative Delivery Method</i> | Sekurang-kurangnya 20% kredit program melaksanakan penyampaian kaedah pengajaran dan pembelajaran secara transformatif secara dominan dalam kursus tersebut.<br><i>At least 20% of the program credit implements the delivery of transformative teaching and learning methods dominantly in the course.</i>   | x | x | x | x |
| 9. | <b>Pentaksiran Alternatif</b><br><i>Alternative Assessment</i>                   | Program mengaplikasikan kaedah pentaksiran yang sesuai dengan tahap taksonomi hasil pembelajaran dengan menggunakan kaedah berikut dengan ketetapan seperti berikut:<br><i>The programme applies assessment methods appropriate to the taxonomic level of learning outcomes by using the following methods with the following stipulations:</i><br><b>a.</b> Komponen pentaksiran alternatif perlu sekurang-kurangnya 60%; <b>dan</b><br><i>The alternative</i> | x | x | ✓ | ✓ |

|  |  |  |   |  |   |
|--|--|--|---|--|---|
|  |  | <i>assessment component should be at least 60%;<br/><b>and</b></i>   |   |  |   |
|  |  | b. Kaedah pentaksiran sah/autentik – 30%;<br>Pentaksiran yang adil, menyeluruh dan pencapaian sebenar;<br><b>dan</b><br><i>Authentic / authentic assessment method - 30%;<br/>Fair, comprehensive assessment and actual achievement;</i><br><b>and</b> | x |  | ✓ |
|  |  | c. Kaedah berdasarkan kriteria (HIEP) – 40%;<br><b>dan</b><br><i>Method based on Criteria (HIEP) - 40%;</i><br><b>and</b>  | x |  | ✓ |
|  |  | d. Kaedah kreatif lain dalam kursus-kursus yang ditawarkan – 20%;<br><i>Other creative methods in the courses offered - 20%;</i>   | ✓ |  | ✓ |

| <b>Tahap pelaksanaan Pendidikan 4.0 UKM</b><br><i>Level of implementation of Education 4.0 UKM</i> | <b>Sebelum Semakan Program</b><br><i>Before Programme Review</i> | <b>Setelah Semakan Program</b><br><i>After Programme Review</i> |
|--|--|---|
| Tier 1: Memenuhi 1-3 kriteria/tema;<br><i>Tier 1: Meets 1-3 criteria / themes;</i>                 | ✓  |   |
| Tier 2: Memenuhi 4-6 kriteria/tema;<br><i>Tier 2: Meets 4-6 criteria / themes;</i>                 |  |   |
| Tier 3: Memenuhi 7-9 kriteria/tema;<br><i>Tier 3: Meets 7-9 criteria / themes;</i>                 |  | ✓   |

### Lampiran 11.1 Contoh Pemetaan antara Objektif Pendidikan Program dengan Matlamat Pendidikan

Attachment 11.1 Example of Mapping between Program Education Objectives and Educational Goals

| Objektif pendidikan program (OPP)<br><i>Program educational objectives (PEO)</i> | Matlamat Pendidikan (MP)<br><i>Educational Goals (EG)</i> | MP 1 / EG 1:<br>Graduan berambisi kebangsaan<br><i>National aspiring graduates</i> | MP 2 / EG 2:<br>Graduan berkemampuan<br><i>Competent graduates</i> | MP 3 / EG 3:<br>Graduan berdaya saing dan inovatif<br><i>Competitive and innovative graduates</i> |
|--|---|--|--|---|
| OPP 1:   |   |  |  |   |
| OPP 2:   |   |  |  |   |
| OPP 3:   |   |  |  |   |
| OPP 4:   |   |  |  |   |

### Lampiran 11.2 Contoh Pemetaan antara Hasil Pembelajaran Program dengan Objektif Pendidikan Program

Attachment 11.2 Example of Mapping between Program Learning Outcomes and Programme Educational Objectives

| Objektif Pendidikan Program (OPP)<br><i>Program Education Objectives (PEO)</i> | Hasil Pembelajaran Program (HPP)<br><i>Programme Learning Outcomes (PLO)</i> | OPP1: | OPP2: | OPP3: | OPP4: |
|--|--|-------|-------|-------|-------|
| HPP 1:   |  |       |       |       |       |
| HPP 2:   |  |       |       |       |       |
| HPP 3:   |  |       |       |       |       |
| HPP 4:   |  |       |       |       |       |
| HPP 5:   |  |       |       |       |       |
| HPP 6:   |  |       |       |       |       |
| HPP 7:   |  |       |       |       |       |
| HPP 8:   |  |       |       |       |       |