|  |  |  |
| --- | --- | --- |
| **BIL** | **SYARAT-SYARAT** | **TINDAKAN** |
| *1* | *The IHL start the first intake in July 2016?* | Kolej tidak mempunyai pelajar pada sesi Julai 2016 dan Julai 2017. |
| *2* | *The IHL notifies MQA and RISM on commencement of the programme so a verification visit can be organised to ensure the following are in place* | Kolej akan memaklumkan kepada pihak MQA setelah sesi kuliah bermula untuk penetapan tarikh lawatan verifikasi. |
| *3* | *IHL do a market study on the need of this programmme in Kota Bharu* | Kajian pasaran telah dilakukan oleh kolej. Sila rujuk Lampiran 1 untuk laporan penuh. |
| *4* | *Infrastructures for the programme are ready (studios, computer software and other facilities)* | Infrastruktur dan kemudahan studio telah disediakan bagi keperluan pelajar secara berperingkat-peringkat. Aplikasi komputer yang akan digunakan juga turut disediakan. Sila rujuk Lampiran 2. |
| *5* | *Suitability qualified teaching staff with appropriate teaching loads:* | Oleh kerana kohort pertama dijangka bermula pada Julai 2018, maka staf yang terlibat adalah staf yang layak mengajar dan memenuhi keperluan pengajaran dengan bebanan mengajar yang bersesuaian sepertimana yang ditetapkan oleh pihak MQA. Disertakan Lampiran 3, maklumat staf yang mengajar beserta bebanan mengajar pensyarah |
| *6* | *Minimum 1 registered QS as teaching staff* | Pensyarah berdaftar di bawah badan BQSM akan dibuat jika terdapat intake pada Julai 2018. |
| *7* | *Teaching and course files are ready and up to dated as the current syllabus used by UTM* | Fail pengajaran telah disediakan dan silibus yang dibekalkan oleh pihak UTM adalah yang paling terkini dan akan digunapakai pada sesi Julai 2018. |
| *8* | *Main reference books available in the library* | Senarai buku-buku rujukan utama akan sentiasa ditambah dari masa ke semasa. Banyak buku-buku masih berstatus pesanan dan menunggu respon daripada pembekal. Sila rujuk lampiran 4. |
| *9* | *Any other necessary support facility and resources for the running of the programme* | Fasiliti-fasiliti lain akan ditambah dari masa ke semasa berdasarkan permintaan dan keperluan UTM. |
| *10* | *The IHL submits the annual report within three months from the end of each academic year to include the external examiner’s report, details of any staff resources changes and revised course documentation and revalidation report* | Oleh kerana tiada kemasukan pelajar pada sesi Julai 2016 dan Julai 2017, maka kolej tidak menyediakan laporan tahunan sepertimana yang dikehendaki. Kolej akan berbuat demikian setelah kohort pertama bermula. |
| *11* | *The IHL fully complies with BQSM/ RISM’s current policy and procedures on accreditation;* | Kolej akan mematuhi segala polisi dan prosidur akreditasi bagi kepentingan semua pihak. |
| *12* | *The IHL notifies RISM whenever there is any change in course structure, or syllabus;* | Hanya terdapat perubahan kod kursus dan struktur kursus bermula pada sesi Julai 2017. Berikut disertakan maklumat yang berkaitan. Sila rujuk Lampiran 5.1 dan 5.2 |
| *13* | *The IHL abides by the BQSM/ RISM’s preambles with regard to entry requirements for Malaysian students, which may be updated from time to time.* | Syarat kemasukan program ini adalah tertakluk kepada syarat kemasukan sepertimana yang telah ditetapkan oleh pihak UTM. Kolej akan mematuhi syarat kemasukan sepertimana yang telah ditetapkan oleh pihak UTM.  Syarat am universiti:-   1. **Warganegara Malaysia** 2. **Mendapat SPM dengan sekurang-kurangnya 5 kredit (gred C) termasuk Bahasa Melayu**   Syarat khusus program:-   1. **Memenuhi syarat am universiti dan mendapat kredit (Gred B) dalam subjek**  * **Matematik;**   DAN   1. **3 subjek berikut ;** 2. Matematik Tambahan 3. Geografi 4. Sejarah 5. Teknologi Maklumat & Komunikasi 6. Seni Visual @ Penciptaan 7. Prinsip Perakaunan 8. Perdagangan 9. Asas Ekonomi 10. Sains Tambahan @ Sains @ Biologi 11. Fizik 12. Kimia 13. Teknologi Binaan Bangunan 14. Teknologi Kejuruteraan @ Pengajian Kejuruteraan Awam 15. Lukisan kejuruteraan 16. Pengajian Syariah Islam @ Tasawwur Islam @ Pengajian Al Quran Pengajian Islam @ Pengetahuan Moral.   DAN  **C. Lulus dengan sekurang-kurangnya credit (Gred C), Bahasa Inggeris pada peringkat SPM @ setara.** |

Lampiran 1 : Laporan Kajian Pasaran Diploma Ukur Bahan

Lampiran 2 : Infrastruktur Khusus Program Diploma Ukur Bahan

|  |  |  |
| --- | --- | --- |
| **Bil** | **Perkara** | **Keterangan** |
| 1 | Studio Ukur Bahan | - 2 unit meja *Banquet* bersaiz besar (min saiz A1)  - 7 unit meja kecil bersaiz kecil - 2’ x 3’ ( min saiz A3)   * 7 unit *T-square* dan *Drawing board* * 7 unit kerusi beroda * 1 unit *whiteboard* * *1 unit softboard* |
| 2 | Makmal Kejuruteraan Awam | * Peralatan asas membina struktur * Peralatan asas kerja-kerja kayu * 5 unit *Cube test* * 2 unit *Slump test* |
| 3 | Alat-alat pengukuran (Surveying tools) | - *Theodolite*  *Oleh kerana kos peralatan agak mahal, maka kolej akan membuat kerjasama dengan UTM KL dan Politeknik KB untuk menggunakan perkhidmatan makmal/ peralatan mereka.* |
| 4 | Makmal IT | - *AutoCAD*   * *Buildsoft Global Estimate* * *Microsoft Project.* |

Lampiran 3: Ringkasan Maklumat Staf Akademik Yang Terlibat Dalam Program

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | Pangkat & Nama Staf Akademik | Status & Warga Negara | Kelayakan Akademik | | | Kursus Yang Diajar | Pengalaman Bekerja | | | Pengalaman Mengajar | | |
| Kelulusan | Nama IPT & Negara | Tarikh Grad. | Jawatan | Majikan & Alamat | Tarikh Mula dan Tamat | Jawatan | Majikan & Alamat | Tarikh Mula dan Tamat |
| 1 | Nasibah Az-Zahra binti Rusli  PENSYARAH | Kontrak, Malaysia | Sarjana Perancangan Bandar dan Wilayah  Sarjana Muda Ukur Bahan | IIUM, Malaysia  IIUM, Malaysia | 2016  2014 | Construction Technology 1, Introduction To Construction Measurement, Draughtsman ship | Adminstrative  Administrative  Asisstant QS  Junior QS | NGO Haluan, Selangor  Resource Centre, KAED, IIUM  ASA-CM Juruukur Bahan, KL  HMF QS Consult, KB | Ogos 16- Mac 17  Jul 15- Jul 16  Nov 13-May 14  Feb12-June 12 | Tutor (part time) | Department of Quantity Surveying, IIUM | Feb 17 – Mei 17  &  Sept 16 – Jan 17 |
| 2 | Nik NorSyamila binti Shaaban  PENSYARAH | Tetap, M’sia  PM/IPTS/2016/08/1345  900115-03-5224  (09.09.2016-08.09.2021) | Sarjana Muda Pengurusan (Teknologi )  Diploma Pengurusan Teknologi | UTM,Malaysia  UTM, Malaysia | 2014  2011 | Draughtsmanship, Engineering Drawing, Manufacturing Process, Business and Technology | Outlet Asisstant | Benang Hijau Collections, KB Mall | 07 Nov 14 – 6 Jan 15 |  |  |  |
| 3 | Azulieza Muhammad  PENSYARAH | Tetap, M’sia  PM/IPTS/2016/03/0236  861107-29-5764  (24.06.2011 -23.06.2021) | Sarjana Muda Sains Matematik Komputasi | UMT, Malaysia | 2009 | Construction Mathematics,  Matematik Lanjutan | Pelatih | TNB Pasir Mas | April-Jun 2007 | Pensyarah  Guru Ganti | KTD  SK.Bandar Tun Hussien Onn 2 Cheras | Ogos 2009 – Kini  April 09-Ogos 09 |
| 4 | Mazriyatul Adawiyah binti Madin  PENSYARAH  013-4344079 | Tetap, M’sia  PM/IPTS/2015/02/0912  900817-03-5480  (19.10.2015-18.10.2020) | Ijazah Sarjana Muda Teknologi Maklumat | Universiti Utara Malaysia | 2014 | Information Communication Technology, User Interface, Microcomputer Application, Programming Fundamental Software Engineering | Perunding Akademik  Praktikal  Juru Kaunter | Pusat Pendidikan & Kerjaya, Pasir Pekan, Kelantan  BPTM, SUK Kelantan  Kelaboran Sdn Bhd  Pasir Mas | 15 Mac 14- 30 Mei 14  02 Sep 13- 16 Feb 14  2008 |  |  |  |
| 5 | Sharmin Alam  PENSYARAH | Tetap, M’sia  D3264PM6282  561018-79-5068 | M. Arts  B. Arts (Hons) | Dhaka University  Dhaka University | 1984  1981 | Introductory Academic English, Intermediate Academic English, Communicative Skills, English Communicative Skills 2 | - | - | - | Pensyarah  Pensyarah Sambilan  Pensyarah  Sambilan | KTD  IPM, KB  UiTM | Jul 98-kini  Jan – Jun 98  1995 - 1997 |
| 6 | Siti Solihah binti Ibrahim  PENSYARAH | Tetap, M’sia  PM/K/2013/09/0277  850716-03-6094  (11.10.2013-10.10.2018) | Ijazah Sarjana Muda Pengajian Melayu | Universiti Malaya | 2009 | Dinamika Malaysia, Pengajian Malaysia, Creative & Critical Thinking |  |  |  | Guru  Guru  Guru  Guru  Guru | SMK(A) Melor  SMK Kemumin  SMK Bud (2) Damansara  SK Lundang  Mega Kidz, KL |  |

Lampiran 5.1 : Struktur kurikulum Diploma Ukur Bahan

**Year 1 (Semester 1)**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **No** | **Course Code** | **Courses** | **Credit** | **Lecture** | **Tutorial/ Laboratory/ SCL** | **Skill/ Studio/ Field Work** |
| 1 | ULAB 1032 | Introductory Academic English | 2 | 28 | 28 | 0 |
| 2 | UHAS 1172 | Malaysia Dynamic | 2 | 20 | 8 | 0 |
| 3 | DDWQ 1113 | Construction Technology | 3 | 42 | 14 | 0 |
| 4 | DDWQ 1123 | Draughtmanship | 3 | 14 | 56 | 0 |
| 5 | DDWQ 1213 | Introduction To Construction Measurement | 3 | 14 | 56 | 0 |
| 6 | DDWQ 1312 | Construction Mathematics | 2 | 28 | 14 | 0 |
| 7 | DDWQ 1612 | Information Communication Technology | 2 | 14 | 28 | 0 |
| Total | | | 17 | 160 | 204 | 0 |

**Year 1 (Semester 2)**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **No** | **Course Code** | **Courses** | **Credit** | **Lecture** | **Tutorial/ Laboratory/ SCL** | **Skill/ Studio/ Field Work** |
| 1 | ULAB 1042 | Intermediate Academic English | 2 | 28 | 28 | 0 |
| 2 | UICI 1022 | Science, Technology & Human | 2 | 22 | 6 | 0 |
| 3 | DDWQ 1173 | Construction Technology 2 | 3 | 42 | 14 | 0 |
| 4 | DDWQ 1132 | Building Services 1 | 2 | 28 | 14 | 0 |
| 5 | DDWQ 1223 | Construction Measurement 1 | 3 | 14 | 0 | 84 |
| 6 | DDWQ 1322 | Principles Of Economics | 2 | 28 | 14 | 0 |
| 7 | DDWQ 1522 | Professional Practice 1 | 2 | 28 | 0 | 0 |
| Total | | | 16 | 193 | 73 | 84 |

**Year 2 (Semester 3)**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **No** | **Course Code** | **Courses** | **Credit** | **Lecture** | **Tutorial/ Laboratory/ SCL** | **Skill/ Studio/ Field Work** |
| 1 | ULAB 2222 | Communications Skills | 2 | 14 | 14 | 0 |
| 2 | DDWQ 2173 | Construction Technology 3 | 3 | 42 | 14 | 0 |
| 3 | DDWQ 2153 | Construction Materials And Specifications | 3 | 42 | 14 | 0 |
| 4 | DDWQ 2233 | Construction Measurement 2 | 3 | 14 | 0 | 84 |
| 5 | DDWQ 2353 | Building Economics 1 | 3 | 42 | 14 | 0 |
| 6 | DDWQ 2412 | Principles Of Law and Tort | 2 | 42 | 14 | 0 |
| Total | | | 16 | 198 | 68 | 84 |

**Year 2 (Semester 4)**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **No** | **Course Code** | **Courses** | **Credit** | **Lecture** | **Tutorial/ Laboratory/ SCL** | **Skill/ Studio/ Field Work** |
| 1 | DDWQ 2142 | Building Services 2 | 2 | 28 | 14 | 0 |
| 2 | DDWQ 2162 | Engineering Survey | 2 | 14 | 0 | 42 |
| 3 | DDWQ 2172 | Principles of Structure | 2 | 28 | 14 | 0 |
| 4 | DDWQ 2243 | Construction Measurement 3 | 3 | 28 | 0 | 84 |
| 5 | DDWQ 2363 | Building Economics 2 | 3 | 42 | 14 | 0 |
| 6 | DDWQ 2422 | Principles of Construct and Agency | 2 | 28 | 14 | 0 |
| 7 | DDWQ 2542 | Professional Practice 2 | 2 | 28 | 14 | 0 |
| Total | | | 16 | 182 | 70 | 126 |

**Year 3 (Semester 5)**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **No** | **Course Code** | **Courses** | **Credit** | **Lecture** | **Tutorial/ Laboratory/ SCL** | **Skill/ Studio/ Field Work** |
| 1 | DDWQ 3908 | Industrial Training | 8 | 0 | 0 | 320 |
| 2 | DDWQ 3914 | Industrial Training Report And Integrated Project | 4 | 0 | 0 | 160 |
| Total | | | 12 | 0 | 0 | 480 |

**Year 3 (Semester 6)**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **No** | **Course Code** | **Courses** | **Credit** | **Lecture** | **Tutorial/ Laboratory/ SCL** | **Skill/ Studio/ Field Work** |
| 1 | UKQX 2XX2 | Co Curriculum | 2 | 10 | 14 | 0 |
| 2 | DDWQ 3254 | Measurement Project | 4 | 7 | 0 | 153 |
| 3 | DDWQ 3373 | Cost Estimating | 3 | 42 | 14 | 0 |
| 4 | DDWQ 3423 | Construction Law and Construct | 3 | 42 | 14 | 0 |
| 5 | DDWQ 3623 | Principles of Management | 3 | 42 | 14 | 0 |
| Total | | | 15 | 143 | 56 | 153 |

Lampiran 5.1 : Perbandingan struktur lama dan struktur baru Diploma Ukur Bahan

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **KOD** | **STRUKTUR BARU** | **KREDIT** | **KOD** | **STRUKTUR LAMA** | **KREDIT** |
| UHAS 1172 | Malaysia Dynamic | 2 | UHAS 1172 | Malaysia Dynamic | 2 |
|  |  |  | UHAS 2122 | Creative and Critical Thinking | 2 |
|  |  |  | UHAS 1102 | Entrepreneurship and Enterprise Development | 2 |
|  |  |  | UICD 1012 | TITAS | 2 |
|  |  |  | UICD 2022 | Islamic Institutions | 2 |
| UICI 1022 | Science, Technology & Human | 2 | UICD 3032 | Islamic Worldview | 2 |
| ULAB 1032 | Introductory Academic English | 2 | ULAB 1012 | English Proficiency | 2 |
| ULAB 1042 | Intermediate Academic English | 2 | ULAB 1022 | English for Academic Study | 2 |
| ULAB 2222 | Communications Skills | 2 | ULAB 2032 | English for Professional Communication | 2 |
| UKQX 2XX2 | Co Curriculum | 2 | UKQX 1XX1 | Co Curriculum | 1 |
|  | **CORE COURSE** | | | |  |
| DDWQ 1113 | Construction Technology 1 | 3 | DDPQ 1113 | Construction Technology 1 | 3 |
| DDWQ 1123 | Draughtmanship | 3 | DDPQ 1122 | Construction Drawing | 2 |
| DDWQ 1213 | Introduction To Construction Measurement | 3 | DDPQ 1213 | Introduction To Measurement | 3 |
| DDWQ 1312 | Construction Mathematics | 2 | DDPQ 1312 | Construction Mathematics | 2 |
| DDWQ 1612 | Information Communication Technology | 2 | DDPQ 1612 | Information Communication Technology | 2 |
| DDWQ 1173 | Construction Technology 2 | 3 | DDPQ 1173 | Construction Technology 2 | 3 |
| DDWQ 1132 | Building Services 1 | 2 | DDPQ 1183 | Building Services 1 | 3 |
| DDWQ 1223 | Construction Measurement 1 | 3 | DDPQ 1124 | Measurement 1 | 4 |
| DDWQ 1322 | Principles Of Economics | 2 |  |  |  |
| DDWQ 1522 | Professional Practice 1 | 2 | DDPQ 1512 | Professional Practice 1 | 2 |
| DDWQ 2173 | Construction Technology 3 | 3 | DDPQ 2173 | Construction Technology 3 | 3 |
| DDWQ 2153 | Construction Materials And Specifications | 3 | DDPQ 1152 | Construction Materials | 2 |
| DDWQ 2233 | Construction Measurement 2 | 3 | DDPQ 2234 | Measurement 2 | 4 |
| DDWQ 2353 | Building Economics 1 | 3 | DDPQ 2323 | Building Economics | 3 |
| DDWQ 2412 | Principles Of Law and Tort | 2 | DDPQ 2413 | Principles Of Law, Contract and Tort | 3 |
| DDWQ 2142 | Building Services 2 | 2 | DDPQ 2182 | Building Services 2 | 2 |
| DDWQ 2162 | Engineering Survey | 2 | DDPQ 1162 | Engineering Survey | 2 |
| DDWQ 2172 | Principles of Structure | 2 | DDPQ 2192 | Principles of Structure | 2 |
| DDWQ 2243 | Construction Measurement 3 | 3 | DDPQ 2244 | Measurement 3 | 4 |
| DDWQ 2363 | Building Economics 2 | 3 |  |  |  |
| DDWQ 2422 | Principles of Construct and Agency | 2 |  |  |  |
| DDWQ 2542 | Professional Practice 2 | 2 | DDPQ 2523 | Professional Practice 2 | 3 |
| DDWQ 3908 | Industrial Training | 8 | DDPQ 3918 | Industrial Training | 8 |
| DDWQ 3914 | Industrial Training Report And Integrated Project | 4 | DDPQ 3924 | Industrial Training Report And Case Study | 4 |
| DDWQ 3254 | Measurement Project | 4 | DDPQ 3254 | Measurement Project | 4 |
| DDWQ 3373 | Cost Estimating | 3 | DDPQ 2343 | Cost Estimating | 3 |
| DDWQ 3423 | Construction Law and Construct | 3 | DDPQ 3423 | Construction Law and Contract | 3 |
| DDWQ 3623 | Principles of Management | 3 | DDPQ 3622 | Principles of Management | 2 |
|  | **Jumlah Kredit** | **92** |  | **Jumlah Kredit** | **95** |