

**B.IT (Hons) SECURITY TECHNOLOGY**

For November 2017 Intake

| CODE                           | SUBJECT  | β YEAR |    |    | γ YEAR |    |    | δ YEAR |    |    | Pre-Requisite                                       |
|--------------------------------|--|--------|----|----|--------|----|----|--------|----|----|---|
|                                |  | T1     | T2 | T3 | T1     | T2 | T3 | T1     | T2 | T3 |   |
| <b>Common Core:</b>            |  |        |    |    |        |    |    |        |    |    |   |
| TMA1211                        | DISCRETE MATHEMATICS AND PROBABILITY                       | 4      |    |    |        |    |    |        |    |    | NONE  |
| TAO1221                        | COMPUTER ARCHITECTURE AND ORGANISATION                     | 4      |    |    |        |    |    |        |    |    | NONE  |
| TDC1231                        | DATA COMMUNICATIONS AND NETWORKING                         | 4      |    |    |        |    |    |        |    |    | NONE  |
| TMA1111                        | MATHEMATICAL TECHNIQUES                                    |        |    | 4  |        |    |    |        |    |    | NONE  |
| TCP1121                        | COMPUTER PROGRAMMING                                       |        |    | 4  |        |    |    |        |    |    | NONE  |
| TDB1131                        | DATABASE SYSTEMS   |        |    | 3  |        |    |    |        |    |    | NONE  |
| TOS1141                        | OPERATING SYSTEMS  |        |    | 3  |        |    |    |        |    |    | NONE  |
| TDS2111                        | DATA STRUCTURES AND ALGORITHMS                             |        |    |    |        |    | 3  |        |    |    | TCP1121   |
| TOP2121                        | OBJECT-ORIENTED PROGRAMMING                                |        |    |    |        |    | 3  |        |    |    | TCP1121   |
| TSA2131                        | SYSTEMS ANALYSIS AND DESIGN                                |        |    |    |        |    | 3  |        |    |    | TDB1131   |
| <b>Specialisation Core:</b>    |  |        |    |    |        |    |    |        |    |    |   |
| TEP1241                        | ETHICS AND PROFESSIONAL CONDUCTS                           | 3      |    |    |        |    |    |        |    |    | NONE  |
| THI2211                        | HUMAN COMPUTER INTERACTION                                 |        |    |    | 3      |    |    |        |    |    | TCP1121   |
| TIA2221                        | INFORMATION ASSURANCE AND SECURITY                         |        |    |    | 3      |    |    |        |    |    | NONE  |
| TWT2231                        | WEB TECHNIQUES AND APPLICATION                             |        |    |    | 3      |    |    |        |    |    | NONE  |
| TSI2241                        | SYSTEM INTEGRATION AND ARCHITECTURE                        |        |    |    | 3      |    |    |        |    |    | TCP1121   |
| TCS2251                        | COMPUTER SECURITY  |        |    |    | 3      |    |    |        |    |    | TCP1121   |
| TCN2141                        | COMPUTER NETWORKS  |        |    |    |        |    | 3  |        |    |    | TDC1231   |
| TSA2151                        | SYSTEM ADMINISTRATION AND MAINTENANCE                      |        |    |    |        |    | 3  |        |    |    | TOS1141   |
| TTV2161                        | TECHNOPRENEUR VENTURE                                      |        |    |    |        |    | 2  |        |    |    | NONE  |
| TPR3321                        | PROJECT (PHASE 1)  |        |    |    |        |    |    | 3      |    |    | COMPLETED 60CH EXCLUDING ARTS & HUMANITIES SUBJECTS |
| TEH3221                        | ETHICAL HACKING AND SECURITY ASSESSMENT                    |        |    |    |        |    |    | 3      |    |    | TDC1231   |
| TMI3231                        | MALWARE AND INTRUSION DETECTION                            |        |    |    |        |    |    | 3      |    |    | TCS2251   |
| TDF3241                        | DIGITAL FORENSICS  |        |    |    |        |    |    | 3      |    |    | TCS2251   |
| TPR3321                        | PROJECT (PHASE 2)  |        |    |    |        |    |    |        | 3  |    | TPR3321 (Project Phase 1)                           |
| TAC3121                        | APPLIED CRYPTOGRAPHY                                       |        |    |    |        |    |    |        | 3  |    | TDS2111   |
| TIT3131                        | INFORMATION THEORY   |        |    |    |        |    |    |        | 3  |    | TDC1231   |
| TPB3141                        | PASSWORD AUTHENTICATION AND BIOMETRICS                     |        |    |    |        |    |    |        | 3  |    | TCS2251   |
| TCP3151                        | INTEGRATIVE PROGRAMMING AND TECHNOLOGIES                   |        |    |    |        |    |    |        | 3  |    | TOP2121   |
| <b>Industrial Training:</b>    |  |        |    |    |        |    |    |        |    |    |   |
| TIT2311                        | INDUSTRIAL TRAINING  |        |    |    |        |    |    |        | 6  |    | COMPLETED 60CH EXCLUDING ARTS & HUMANITIES SUBJECTS |
| <b>Elective:</b>               |  |        |    |    |        |    |    |        |    |    |   |
|                                | Elective 1   |        |    |    | 3      |    |    |        |    |    |   |
|                                | Elective 2   |        |    |    |        | 3  |    |        |    |    |   |
|                                | Elective 3   |        |    |    |        |    |    | 3      |    |    |   |
|                                | Elective 4   |        |    |    |        |    |    |        | 3  |    |   |
| <b>Arts and Humanities:</b>    |  |        |    |    |        |    |    |        |    |    |   |
| MPU3343                        | BUSINESS AND ENTREPRENEURSHIP IN MALAYSIA                  |        | 3  |    |        |    |    |        |    |    | NONE  |
| MPU3201/<br>MPU32XX            | BAHASA KEBANGSAAN A or FOREIGN LANGUAGE                    |        | 3  |    |        |    |    |        |    |    | NONE  |
| MPU34XX                        | CO-CURRICULUM  |        |    | 2  |        |    |    |        |    |    | NONE  |
| MPU3143/<br>MPU3123            | BAHASA MELAYU KOMUNIKASI 2/ TAMADUN ISLAM DAN TAMADUN ASIA |        |    |    |        | 3  |    |        |    |    | NONE  |
| MPU3173/<br>MPU3113            | PENGAJIAN MALAYSIA 3/ HUBUNGAN ETNIK                       |        |    |    |        | 3  |    |        |    |    | NONE  |
| <b>Total Credit Hour : 120</b> |  |        |    |    |        |    |    |        |    |    |   |

\*\* Only for students who enter directly to Beta level.