Tables B and C for MJD-CMPSC

# Criterion B SFIA

Professional Role: Software developer

|  |  |  |  |
| --- | --- | --- | --- |
| Code | Level | Unit Code | Unit Name |
| PROG | 3 | CITS3001 | Advanced Algorithms |
| DESN | 3 | CITS3002 | Computer Networks |
| PROG | 4 | CITS3200 | Professional Computing |
| PROG | 4 | CITS3403 | Agile Web Development |

# Criterion C CBOK

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | ICT Ethics | Impacts of ICT | Working Individually & Teamwork | Professional Communication | The Professional Practitioner | ICT Fundamentals | ICT Infrastructure | Information and Data Science and Engineering | Computational Science and Engineering | Application Systems | Cybersecurity | ICT project management | ICT management and governance |  |
| Mandatory Subjects | Professional | | | | | Core | | | | | | | | In-depth |
| CITS1003 | 1 | 1 |  |  | 1 |  |  |  |  |  | 2 |  |  |  |
| CITS1401 |  |  |  |  |  | 2 |  |  | 2 |  |  |  |  |  |
| CITS1402 |  |  |  |  |  |  |  | 2 |  |  |  |  |  |  |
| CITS2002 |  |  |  |  |  |  | 2 |  |  |  |  |  |  |  |
| CITS2005 |  |  |  | 2 |  |  | 2 |  |  |  |  |  |  |  |
| CITS2200 |  |  |  |  |  | 2 |  |  |  |  |  |  |  |  |
| CITS2211 |  |  |  |  |  |  |  |  | 2 |  |  |  |  |  |
| CITS3001 |  |  |  |  |  | 3 |  |  | 3 |  |  |  |  | 3 |
| CITS3002 |  |  |  |  |  |  | 3 |  |  | 2 | 3 |  |  | 3 |
| CITS3200 | 3 | 2 | 3 | 3 | 3 |  |  |  |  |  |  | 3 | 3 |  |
| CITS3403 |  |  | 2 |  |  |  |  | 2 |  | 3 |  | 2 | 3 |  |
| CITS3XXX |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Professional | | | | | Core | | | | | | | | In-depth |