**Matrix mapping course learning outcomes to NQF descriptors**

**Compulsory Qualification Courses**

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **No.** | **Course Name, Code and Number** | **CLOs** | **Knowledge (A)** | **Skills (B)** | | | | **Competencies (C)** | | | |
| **Problem solving skills** | **Critical thinking skills** | **IT skills** | **Numeric skills** | **Group work** | **Individual independency** | **Responsibilities & leadership** | **Moral ethical & Long-life learning** |
|  |  | a1 |  |  |  |  |  |  |  |  |  |
| a2 |  |  |  |  |  |  |  |  |  |
| b1 |  |  |  |  |  |  |  |  |  |
| b2 |  |  |  |  |  |  |  |  |  |
| c1 |  |  |  |  |  |  |  |  |  |
| c2 |  |  |  |  |  |  |  |  |  |
|  |  | a1 |  |  |  |  |  |  |  |  |  |
| a2 |  |  |  |  |  |  |  |  |  |
| b1 |  |  |  |  |  |  |  |  |  |
| b2 |  |  |  |  |  |  |  |  |  |
| c1 |  |  |  |  |  |  |  |  |  |
| c2 |  |  |  |  |  |  |  |  |  |

**Matrix mapping course learning outcomes to NQF descriptors**

**Elective Qualification Courses**

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **No.** | **Course Name, Code and Number** | **CLOs** | **Knowledge (A)** | **Skills (B)** | | | | **Competencies (C)** | | | |
| **Problem solving skills** | **Critical thinking skills** | **IT skills** | **Numeric skills** | **Group work** | **Individual independency** | **Responsibilities & leadership** | **Moral ethical & Long-life learning** |
|  |  | a1 |  |  |  |  |  |  |  |  |  |
| a2 |  |  |  |  |  |  |  |  |  |
| b1 |  |  |  |  |  |  |  |  |  |
| b2 |  |  |  |  |  |  |  |  |  |
| c1 |  |  |  |  |  |  |  |  |  |
| c2 |  |  |  |  |  |  |  |  |  |
|  |  | a1 |  |  |  |  |  |  |  |  |  |
| a2 |  |  |  |  |  |  |  |  |  |
| b1 |  |  |  |  |  |  |  |  |  |
| b2 |  |  |  |  |  |  |  |  |  |
| c1 |  |  |  |  |  |  |  |  |  |
| c2 |  |  |  |  |  |  |  |  |  |