**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 |[ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ]