|  |  |  |  |
| --- | --- | --- | --- |
| |  |  | | --- | --- | | ***Consistency between Student learning Outcomes and program Objectives*** | **Code**  **MUP04** | |  |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| ***program Objectives*** | | | | |  |
| ***Objective ( 5)*** | ***Objective ( 4 )*** | ***Objective ( 3 )*** | ***Objective ( 2 )*** | ***Objective ( 1 )*** |
| √ | √ | √ | √ | √ | a1 | | **A** | ***Student learning Outcomes*** |
|  |  | √ | √ | √ | a2 | |
|  | √ |  |  |  | a3 | |
| √ | √ |  |  | √ | b1 | | **B** |
| √ | √ |  | √ | √ | b2 | |
|  |  |  | √ | √ | c1 | | **C** |
|  | √ |  |  | √ | c2 | |
|  |  | √ |  |  | c3 | |
|  |  |  |  | √ | d1 | | **D** |
|  |  | √ |  | √ | d2 | |
|  | √ |  | √ | √ | d3 | |
|  |  |  | √ | √ | e1 | | **E** |

**( A ) knowledge**

**( B ) cognitive skills**

**( C ) interpersonal skills and responsibility**

**( D ) communication, information technology and numerical skills**

**( E ) Psychomotor skills**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| ***program Objectives*** | **N** |  | ***Student learning Outcomes*** | **CODE** | **Domain** |
| Provide the community with qualified competents. | O1 |  | Apply fundamentals and concepts of mathematics**.** | a1 | **A** |
| Support E-learning in the department | O2 |  | Apply fundamentals and concepts of General sciences and Computer skills | a2 |
| Developed and encourage scientific research | O3 |  | Realize Social and ethical values | a3 |
| Provide consultancy in mathematics to Community | O4 |  | Read and construct mathematical arguments and proofs | b1 | **B** |
| Enrich the knowledge of the community to provide distinct programs | O5 |  | Apply critical thinking skills to solve problems that can be modeled mathematically | b2 |
|  |  |  | Work independently and within a team | c1 | **C** |
|  |  |  | Bear responsibility for different situations | c2 |
|  |  |  | Realize codes of ethics and their importance. | c3 |
|  |  |  | Communicate a depth and breadth of mathematical knowledge, both orally and in writing | d1 | **D** |
|  |  |  | Ability to Organize, connect and communicate mathematical and algorithmic ideas | d2 |
|  |  |  | Critically interpret numerical and graphical data. | d3 |
|  |  |  | Use computer and its applications as an office tool | e1 | **E** |