



|                                                                  |                                                 | <table><tr><th>CPMK</th><th>CPL-1</th><th>CPL-2</th><th>CPL-3</th><th>CPL-4</th><th>CPL-5</th><th>CPL-6</th></tr><tr><td>CPMK-1</td><td>✓</td><td></td><td></td><td></td><td></td><td>✓</td></tr><tr><td>CPMK-2</td><td></td><td></td><td>✓</td><td></td><td></td><td></td></tr><tr><td>CPMK-3</td><td></td><td></td><td>✓</td><td></td><td></td><td></td></tr><tr><td>CPMK-4</td><td></td><td>✓</td><td>✓</td><td></td><td></td><td></td></tr><tr><td>CPMK-5</td><td></td><td></td><td>✓</td><td></td><td></td><td></td></tr><tr><td>CPMK-6</td><td></td><td></td><td>✓</td><td></td><td></td><td></td></tr><tr><td>CPMK-7</td><td></td><td></td><td>✓</td><td>✓</td><td></td><td></td></tr><tr><td>CPMK-8</td><td></td><td>✓</td><td>✓</td><td></td><td></td><td></td></tr><tr><td>CPMK-9</td><td></td><td>✓</td><td></td><td>✓</td><td></td><td></td></tr><tr><td>CPMK-10</td><td></td><td></td><td>✓</td><td>✓</td><td></td><td></td></tr></table>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                   |                                                                                  |                 |                                 |     |                     |   |    |    |    |    |    |    | CPMK | CPL-1     | CPL-2 | CPL-3 | CPL-4 | CPL-5 | CPL-6 | CPMK-1 | ✓ |  |  |  |  | ✓ | CPMK-2 |  |  | ✓ |   |   |   | CPMK-3 |   |   | ✓ |   |    |    | CPMK-4 |    | ✓  | ✓  |    |        |   | CPMK-5 |  |  | ✓ |  |  |  | CPMK-6 |  |  | ✓ |  |  |  | CPMK-7 |        |  | ✓ | ✓ |  |  | CPMK-8 |  | ✓ | ✓ |  |  |  | CPMK-9 |  | ✓ |  | ✓      |  |  | CPMK-10 |  |  | ✓ | ✓ |  |  |  |  |  |  |  |  |  |        |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |        |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |        |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |        |  |  |  |  |  |  |   |   |  |  |  |  |  |  |  |  |        |  |  |  |  |  |  |  |  |   |   |   |  |  |  |  |  |        |  |  |  |  |  |  |  |  |  |  |  |   |   |  |  |  |         |  |  |  |  |  |  |  |  |  |  |  |  |  |   |   |   |
|------------------------------------------------------------------|-------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|----------------------------------------------------------------------------------|-----------------|---------------------------------|-----|---------------------|---|----|----|----|----|----|----|------|-----------|-------|-------|-------|-------|-------|--------|---|--|--|--|--|---|--------|--|--|---|---|---|---|--------|---|---|---|---|----|----|--------|----|----|----|----|--------|---|--------|--|--|---|--|--|--|--------|--|--|---|--|--|--|--------|--------|--|---|---|--|--|--------|--|---|---|--|--|--|--------|--|---|--|--------|--|--|---------|--|--|---|---|--|--|--|--|--|--|--|--|--|--------|--|--|--|---|--|--|--|--|--|--|--|--|--|--|--|--|--------|--|--|--|--|---|--|--|--|--|--|--|--|--|--|--|--|--------|--|--|--|--|--|---|--|--|--|--|--|--|--|--|--|--|--------|--|--|--|--|--|--|---|---|--|--|--|--|--|--|--|--|--------|--|--|--|--|--|--|--|--|---|---|---|--|--|--|--|--|--------|--|--|--|--|--|--|--|--|--|--|--|---|---|--|--|--|---------|--|--|--|--|--|--|--|--|--|--|--|--|--|---|---|---|
| CPMK                                                             | CPL-1                                           | CPL-2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | CPL-3             | CPL-4                                                                            | CPL-5           | CPL-6                           |     |                     |   |    |    |    |    |    |    |      |           |       |       |       |       |       |        |   |  |  |  |  |   |        |  |  |   |   |   |   |        |   |   |   |   |    |    |        |    |    |    |    |        |   |        |  |  |   |  |  |  |        |  |  |   |  |  |  |        |        |  |   |   |  |  |        |  |   |   |  |  |  |        |  |   |  |        |  |  |         |  |  |   |   |  |  |  |  |  |  |  |  |  |        |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |        |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |        |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |        |  |  |  |  |  |  |   |   |  |  |  |  |  |  |  |  |        |  |  |  |  |  |  |  |  |   |   |   |  |  |  |  |  |        |  |  |  |  |  |  |  |  |  |  |  |   |   |  |  |  |         |  |  |  |  |  |  |  |  |  |  |  |  |  |   |   |   |
| CPMK-1                                                           | ✓                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                   |                                                                                  |                 | ✓                               |     |                     |   |    |    |    |    |    |    |      |           |       |       |       |       |       |        |   |  |  |  |  |   |        |  |  |   |   |   |   |        |   |   |   |   |    |    |        |    |    |    |    |        |   |        |  |  |   |  |  |  |        |  |  |   |  |  |  |        |        |  |   |   |  |  |        |  |   |   |  |  |  |        |  |   |  |        |  |  |         |  |  |   |   |  |  |  |  |  |  |  |  |  |        |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |        |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |        |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |        |  |  |  |  |  |  |   |   |  |  |  |  |  |  |  |  |        |  |  |  |  |  |  |  |  |   |   |   |  |  |  |  |  |        |  |  |  |  |  |  |  |  |  |  |  |   |   |  |  |  |         |  |  |  |  |  |  |  |  |  |  |  |  |  |   |   |   |
| CPMK-2                                                           |                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | ✓                 |                                                                                  |                 |                                 |     |                     |   |    |    |    |    |    |    |      |           |       |       |       |       |       |        |   |  |  |  |  |   |        |  |  |   |   |   |   |        |   |   |   |   |    |    |        |    |    |    |    |        |   |        |  |  |   |  |  |  |        |  |  |   |  |  |  |        |        |  |   |   |  |  |        |  |   |   |  |  |  |        |  |   |  |        |  |  |         |  |  |   |   |  |  |  |  |  |  |  |  |  |        |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |        |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |        |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |        |  |  |  |  |  |  |   |   |  |  |  |  |  |  |  |  |        |  |  |  |  |  |  |  |  |   |   |   |  |  |  |  |  |        |  |  |  |  |  |  |  |  |  |  |  |   |   |  |  |  |         |  |  |  |  |  |  |  |  |  |  |  |  |  |   |   |   |
| CPMK-3                                                           |                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | ✓                 |                                                                                  |                 |                                 |     |                     |   |    |    |    |    |    |    |      |           |       |       |       |       |       |        |   |  |  |  |  |   |        |  |  |   |   |   |   |        |   |   |   |   |    |    |        |    |    |    |    |        |   |        |  |  |   |  |  |  |        |  |  |   |  |  |  |        |        |  |   |   |  |  |        |  |   |   |  |  |  |        |  |   |  |        |  |  |         |  |  |   |   |  |  |  |  |  |  |  |  |  |        |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |        |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |        |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |        |  |  |  |  |  |  |   |   |  |  |  |  |  |  |  |  |        |  |  |  |  |  |  |  |  |   |   |   |  |  |  |  |  |        |  |  |  |  |  |  |  |  |  |  |  |   |   |  |  |  |         |  |  |  |  |  |  |  |  |  |  |  |  |  |   |   |   |
| CPMK-4                                                           |                                                 | ✓                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | ✓                 |                                                                                  |                 |                                 |     |                     |   |    |    |    |    |    |    |      |           |       |       |       |       |       |        |   |  |  |  |  |   |        |  |  |   |   |   |   |        |   |   |   |   |    |    |        |    |    |    |    |        |   |        |  |  |   |  |  |  |        |  |  |   |  |  |  |        |        |  |   |   |  |  |        |  |   |   |  |  |  |        |  |   |  |        |  |  |         |  |  |   |   |  |  |  |  |  |  |  |  |  |        |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |        |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |        |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |        |  |  |  |  |  |  |   |   |  |  |  |  |  |  |  |  |        |  |  |  |  |  |  |  |  |   |   |   |  |  |  |  |  |        |  |  |  |  |  |  |  |  |  |  |  |   |   |  |  |  |         |  |  |  |  |  |  |  |  |  |  |  |  |  |   |   |   |
| CPMK-5                                                           |                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | ✓                 |                                                                                  |                 |                                 |     |                     |   |    |    |    |    |    |    |      |           |       |       |       |       |       |        |   |  |  |  |  |   |        |  |  |   |   |   |   |        |   |   |   |   |    |    |        |    |    |    |    |        |   |        |  |  |   |  |  |  |        |  |  |   |  |  |  |        |        |  |   |   |  |  |        |  |   |   |  |  |  |        |  |   |  |        |  |  |         |  |  |   |   |  |  |  |  |  |  |  |  |  |        |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |        |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |        |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |        |  |  |  |  |  |  |   |   |  |  |  |  |  |  |  |  |        |  |  |  |  |  |  |  |  |   |   |   |  |  |  |  |  |        |  |  |  |  |  |  |  |  |  |  |  |   |   |  |  |  |         |  |  |  |  |  |  |  |  |  |  |  |  |  |   |   |   |
| CPMK-6                                                           |                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | ✓                 |                                                                                  |                 |                                 |     |                     |   |    |    |    |    |    |    |      |           |       |       |       |       |       |        |   |  |  |  |  |   |        |  |  |   |   |   |   |        |   |   |   |   |    |    |        |    |    |    |    |        |   |        |  |  |   |  |  |  |        |  |  |   |  |  |  |        |        |  |   |   |  |  |        |  |   |   |  |  |  |        |  |   |  |        |  |  |         |  |  |   |   |  |  |  |  |  |  |  |  |  |        |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |        |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |        |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |        |  |  |  |  |  |  |   |   |  |  |  |  |  |  |  |  |        |  |  |  |  |  |  |  |  |   |   |   |  |  |  |  |  |        |  |  |  |  |  |  |  |  |  |  |  |   |   |  |  |  |         |  |  |  |  |  |  |  |  |  |  |  |  |  |   |   |   |
| CPMK-7                                                           |                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | ✓                 | ✓                                                                                |                 |                                 |     |                     |   |    |    |    |    |    |    |      |           |       |       |       |       |       |        |   |  |  |  |  |   |        |  |  |   |   |   |   |        |   |   |   |   |    |    |        |    |    |    |    |        |   |        |  |  |   |  |  |  |        |  |  |   |  |  |  |        |        |  |   |   |  |  |        |  |   |   |  |  |  |        |  |   |  |        |  |  |         |  |  |   |   |  |  |  |  |  |  |  |  |  |        |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |        |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |        |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |        |  |  |  |  |  |  |   |   |  |  |  |  |  |  |  |  |        |  |  |  |  |  |  |  |  |   |   |   |  |  |  |  |  |        |  |  |  |  |  |  |  |  |  |  |  |   |   |  |  |  |         |  |  |  |  |  |  |  |  |  |  |  |  |  |   |   |   |
| CPMK-8                                                           |                                                 | ✓                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | ✓                 |                                                                                  |                 |                                 |     |                     |   |    |    |    |    |    |    |      |           |       |       |       |       |       |        |   |  |  |  |  |   |        |  |  |   |   |   |   |        |   |   |   |   |    |    |        |    |    |    |    |        |   |        |  |  |   |  |  |  |        |  |  |   |  |  |  |        |        |  |   |   |  |  |        |  |   |   |  |  |  |        |  |   |  |        |  |  |         |  |  |   |   |  |  |  |  |  |  |  |  |  |        |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |        |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |        |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |        |  |  |  |  |  |  |   |   |  |  |  |  |  |  |  |  |        |  |  |  |  |  |  |  |  |   |   |   |  |  |  |  |  |        |  |  |  |  |  |  |  |  |  |  |  |   |   |  |  |  |         |  |  |  |  |  |  |  |  |  |  |  |  |  |   |   |   |
| CPMK-9                                                           |                                                 | ✓                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                   | ✓                                                                                |                 |                                 |     |                     |   |    |    |    |    |    |    |      |           |       |       |       |       |       |        |   |  |  |  |  |   |        |  |  |   |   |   |   |        |   |   |   |   |    |    |        |    |    |    |    |        |   |        |  |  |   |  |  |  |        |  |  |   |  |  |  |        |        |  |   |   |  |  |        |  |   |   |  |  |  |        |  |   |  |        |  |  |         |  |  |   |   |  |  |  |  |  |  |  |  |  |        |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |        |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |        |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |        |  |  |  |  |  |  |   |   |  |  |  |  |  |  |  |  |        |  |  |  |  |  |  |  |  |   |   |   |  |  |  |  |  |        |  |  |  |  |  |  |  |  |  |  |  |   |   |  |  |  |         |  |  |  |  |  |  |  |  |  |  |  |  |  |   |   |   |
| CPMK-10                                                          |                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | ✓                 | ✓                                                                                |                 |                                 |     |                     |   |    |    |    |    |    |    |      |           |       |       |       |       |       |        |   |  |  |  |  |   |        |  |  |   |   |   |   |        |   |   |   |   |    |    |        |    |    |    |    |        |   |        |  |  |   |  |  |  |        |  |  |   |  |  |  |        |        |  |   |   |  |  |        |  |   |   |  |  |  |        |  |   |  |        |  |  |         |  |  |   |   |  |  |  |  |  |  |  |  |  |        |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |        |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |        |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |        |  |  |  |  |  |  |   |   |  |  |  |  |  |  |  |  |        |  |  |  |  |  |  |  |  |   |   |   |  |  |  |  |  |        |  |  |  |  |  |  |  |  |  |  |  |   |   |  |  |  |         |  |  |  |  |  |  |  |  |  |  |  |  |  |   |   |   |
| Matrik CPMK pada Kemampuan akhir tiap tahapan belajar (Sub-CPMK) |                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                   |                                                                                  |                 |                                 |     |                     |   |    |    |    |    |    |    |      |           |       |       |       |       |       |        |   |  |  |  |  |   |        |  |  |   |   |   |   |        |   |   |   |   |    |    |        |    |    |    |    |        |   |        |  |  |   |  |  |  |        |  |  |   |  |  |  |        |        |  |   |   |  |  |        |  |   |   |  |  |  |        |  |   |  |        |  |  |         |  |  |   |   |  |  |  |  |  |  |  |  |  |        |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |        |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |        |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |        |  |  |  |  |  |  |   |   |  |  |  |  |  |  |  |  |        |  |  |  |  |  |  |  |  |   |   |   |  |  |  |  |  |        |  |  |  |  |  |  |  |  |  |  |  |   |   |  |  |  |         |  |  |  |  |  |  |  |  |  |  |  |  |  |   |   |   |
|                                                                  |                                                 | <table><tr><th rowspan="2">CPMK</th><th colspan="16">Minggu Ke</th></tr><tr><th>1</th><th>2</th><th>3</th><th>4</th><th>5</th><th>6</th><th>7</th><th>8</th><th>9</th><th>10</th><th>11</th><th>12</th><th>13</th><th>14</th><th>15</th><th>16</th></tr><tr><td>CPMK-1</td><td>✓</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>CPMK-2</td><td></td><td>✓</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>CPMK-3</td><td></td><td></td><td>✓</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>CPMK-4</td><td></td><td></td><td></td><td>✓</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>CPMK-5</td><td></td><td></td><td></td><td></td><td>✓</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>CPMK-6</td><td></td><td></td><td></td><td></td><td></td><td>✓</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>CPMK-7</td><td></td><td></td><td></td><td></td><td></td><td></td><td>✓</td><td>✓</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>CPMK-8</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>✓</td><td>✓</td><td>✓</td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>CPMK-9</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>✓</td><td>✓</td><td></td><td></td><td></td></tr><tr><td>CPMK-10</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>✓</td><td>✓</td><td>✓</td></tr></table> |                   |                                                                                  |                 |                                 |     |                     |   |    |    |    |    |    |    | CPMK | Minggu Ke |       |       |       |       |       |        |   |  |  |  |  |   |        |  |  | 1 | 2 | 3 | 4 | 5      | 6 | 7 | 8 | 9 | 10 | 11 | 12     | 13 | 14 | 15 | 16 | CPMK-1 | ✓ |        |  |  |   |  |  |  |        |  |  |   |  |  |  |        | CPMK-2 |  | ✓ |   |  |  |        |  |   |   |  |  |  |        |  |   |  | CPMK-3 |  |  | ✓       |  |  |   |   |  |  |  |  |  |  |  |  |  | CPMK-4 |  |  |  | ✓ |  |  |  |  |  |  |  |  |  |  |  |  | CPMK-5 |  |  |  |  | ✓ |  |  |  |  |  |  |  |  |  |  |  | CPMK-6 |  |  |  |  |  | ✓ |  |  |  |  |  |  |  |  |  |  | CPMK-7 |  |  |  |  |  |  | ✓ | ✓ |  |  |  |  |  |  |  |  | CPMK-8 |  |  |  |  |  |  |  |  | ✓ | ✓ | ✓ |  |  |  |  |  | CPMK-9 |  |  |  |  |  |  |  |  |  |  |  | ✓ | ✓ |  |  |  | CPMK-10 |  |  |  |  |  |  |  |  |  |  |  |  |  | ✓ | ✓ | ✓ |
| CPMK                                                             | Minggu Ke                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                   |                                                                                  |                 |                                 |     |                     |   |    |    |    |    |    |    |      |           |       |       |       |       |       |        |   |  |  |  |  |   |        |  |  |   |   |   |   |        |   |   |   |   |    |    |        |    |    |    |    |        |   |        |  |  |   |  |  |  |        |  |  |   |  |  |  |        |        |  |   |   |  |  |        |  |   |   |  |  |  |        |  |   |  |        |  |  |         |  |  |   |   |  |  |  |  |  |  |  |  |  |        |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |        |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |        |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |        |  |  |  |  |  |  |   |   |  |  |  |  |  |  |  |  |        |  |  |  |  |  |  |  |  |   |   |   |  |  |  |  |  |        |  |  |  |  |  |  |  |  |  |  |  |   |   |  |  |  |         |  |  |  |  |  |  |  |  |  |  |  |  |  |   |   |   |
|                                                                  | 1                                               | 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 3                 | 4                                                                                | 5               | 6                               | 7   | 8                   | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16   |           |       |       |       |       |       |        |   |  |  |  |  |   |        |  |  |   |   |   |   |        |   |   |   |   |    |    |        |    |    |    |    |        |   |        |  |  |   |  |  |  |        |  |  |   |  |  |  |        |        |  |   |   |  |  |        |  |   |   |  |  |  |        |  |   |  |        |  |  |         |  |  |   |   |  |  |  |  |  |  |  |  |  |        |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |        |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |        |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |        |  |  |  |  |  |  |   |   |  |  |  |  |  |  |  |  |        |  |  |  |  |  |  |  |  |   |   |   |  |  |  |  |  |        |  |  |  |  |  |  |  |  |  |  |  |   |   |  |  |  |         |  |  |  |  |  |  |  |  |  |  |  |  |  |   |   |   |
| CPMK-1                                                           | ✓                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                   |                                                                                  |                 |                                 |     |                     |   |    |    |    |    |    |    |      |           |       |       |       |       |       |        |   |  |  |  |  |   |        |  |  |   |   |   |   |        |   |   |   |   |    |    |        |    |    |    |    |        |   |        |  |  |   |  |  |  |        |  |  |   |  |  |  |        |        |  |   |   |  |  |        |  |   |   |  |  |  |        |  |   |  |        |  |  |         |  |  |   |   |  |  |  |  |  |  |  |  |  |        |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |        |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |        |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |        |  |  |  |  |  |  |   |   |  |  |  |  |  |  |  |  |        |  |  |  |  |  |  |  |  |   |   |   |  |  |  |  |  |        |  |  |  |  |  |  |  |  |  |  |  |   |   |  |  |  |         |  |  |  |  |  |  |  |  |  |  |  |  |  |   |   |   |
| CPMK-2                                                           |                                                 | ✓                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                   |                                                                                  |                 |                                 |     |                     |   |    |    |    |    |    |    |      |           |       |       |       |       |       |        |   |  |  |  |  |   |        |  |  |   |   |   |   |        |   |   |   |   |    |    |        |    |    |    |    |        |   |        |  |  |   |  |  |  |        |  |  |   |  |  |  |        |        |  |   |   |  |  |        |  |   |   |  |  |  |        |  |   |  |        |  |  |         |  |  |   |   |  |  |  |  |  |  |  |  |  |        |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |        |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |        |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |        |  |  |  |  |  |  |   |   |  |  |  |  |  |  |  |  |        |  |  |  |  |  |  |  |  |   |   |   |  |  |  |  |  |        |  |  |  |  |  |  |  |  |  |  |  |   |   |  |  |  |         |  |  |  |  |  |  |  |  |  |  |  |  |  |   |   |   |
| CPMK-3                                                           |                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | ✓                 |                                                                                  |                 |                                 |     |                     |   |    |    |    |    |    |    |      |           |       |       |       |       |       |        |   |  |  |  |  |   |        |  |  |   |   |   |   |        |   |   |   |   |    |    |        |    |    |    |    |        |   |        |  |  |   |  |  |  |        |  |  |   |  |  |  |        |        |  |   |   |  |  |        |  |   |   |  |  |  |        |  |   |  |        |  |  |         |  |  |   |   |  |  |  |  |  |  |  |  |  |        |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |        |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |        |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |        |  |  |  |  |  |  |   |   |  |  |  |  |  |  |  |  |        |  |  |  |  |  |  |  |  |   |   |   |  |  |  |  |  |        |  |  |  |  |  |  |  |  |  |  |  |   |   |  |  |  |         |  |  |  |  |  |  |  |  |  |  |  |  |  |   |   |   |
| CPMK-4                                                           |                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                   | ✓                                                                                |                 |                                 |     |                     |   |    |    |    |    |    |    |      |           |       |       |       |       |       |        |   |  |  |  |  |   |        |  |  |   |   |   |   |        |   |   |   |   |    |    |        |    |    |    |    |        |   |        |  |  |   |  |  |  |        |  |  |   |  |  |  |        |        |  |   |   |  |  |        |  |   |   |  |  |  |        |  |   |  |        |  |  |         |  |  |   |   |  |  |  |  |  |  |  |  |  |        |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |        |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |        |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |        |  |  |  |  |  |  |   |   |  |  |  |  |  |  |  |  |        |  |  |  |  |  |  |  |  |   |   |   |  |  |  |  |  |        |  |  |  |  |  |  |  |  |  |  |  |   |   |  |  |  |         |  |  |  |  |  |  |  |  |  |  |  |  |  |   |   |   |
| CPMK-5                                                           |                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                   |                                                                                  | ✓               |                                 |     |                     |   |    |    |    |    |    |    |      |           |       |       |       |       |       |        |   |  |  |  |  |   |        |  |  |   |   |   |   |        |   |   |   |   |    |    |        |    |    |    |    |        |   |        |  |  |   |  |  |  |        |  |  |   |  |  |  |        |        |  |   |   |  |  |        |  |   |   |  |  |  |        |  |   |  |        |  |  |         |  |  |   |   |  |  |  |  |  |  |  |  |  |        |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |        |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |        |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |        |  |  |  |  |  |  |   |   |  |  |  |  |  |  |  |  |        |  |  |  |  |  |  |  |  |   |   |   |  |  |  |  |  |        |  |  |  |  |  |  |  |  |  |  |  |   |   |  |  |  |         |  |  |  |  |  |  |  |  |  |  |  |  |  |   |   |   |
| CPMK-6                                                           |                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                   |                                                                                  |                 | ✓                               |     |                     |   |    |    |    |    |    |    |      |           |       |       |       |       |       |        |   |  |  |  |  |   |        |  |  |   |   |   |   |        |   |   |   |   |    |    |        |    |    |    |    |        |   |        |  |  |   |  |  |  |        |  |  |   |  |  |  |        |        |  |   |   |  |  |        |  |   |   |  |  |  |        |  |   |  |        |  |  |         |  |  |   |   |  |  |  |  |  |  |  |  |  |        |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |        |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |        |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |        |  |  |  |  |  |  |   |   |  |  |  |  |  |  |  |  |        |  |  |  |  |  |  |  |  |   |   |   |  |  |  |  |  |        |  |  |  |  |  |  |  |  |  |  |  |   |   |  |  |  |         |  |  |  |  |  |  |  |  |  |  |  |  |  |   |   |   |
| CPMK-7                                                           |                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                   |                                                                                  |                 |                                 | ✓   | ✓                   |   |    |    |    |    |    |    |      |           |       |       |       |       |       |        |   |  |  |  |  |   |        |  |  |   |   |   |   |        |   |   |   |   |    |    |        |    |    |    |    |        |   |        |  |  |   |  |  |  |        |  |  |   |  |  |  |        |        |  |   |   |  |  |        |  |   |   |  |  |  |        |  |   |  |        |  |  |         |  |  |   |   |  |  |  |  |  |  |  |  |  |        |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |        |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |        |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |        |  |  |  |  |  |  |   |   |  |  |  |  |  |  |  |  |        |  |  |  |  |  |  |  |  |   |   |   |  |  |  |  |  |        |  |  |  |  |  |  |  |  |  |  |  |   |   |  |  |  |         |  |  |  |  |  |  |  |  |  |  |  |  |  |   |   |   |
| CPMK-8                                                           |                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                   |                                                                                  |                 |                                 |     |                     | ✓ | ✓  | ✓  |    |    |    |    |      |           |       |       |       |       |       |        |   |  |  |  |  |   |        |  |  |   |   |   |   |        |   |   |   |   |    |    |        |    |    |    |    |        |   |        |  |  |   |  |  |  |        |  |  |   |  |  |  |        |        |  |   |   |  |  |        |  |   |   |  |  |  |        |  |   |  |        |  |  |         |  |  |   |   |  |  |  |  |  |  |  |  |  |        |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |        |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |        |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |        |  |  |  |  |  |  |   |   |  |  |  |  |  |  |  |  |        |  |  |  |  |  |  |  |  |   |   |   |  |  |  |  |  |        |  |  |  |  |  |  |  |  |  |  |  |   |   |  |  |  |         |  |  |  |  |  |  |  |  |  |  |  |  |  |   |   |   |
| CPMK-9                                                           |                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                   |                                                                                  |                 |                                 |     |                     |   |    |    | ✓  | ✓  |    |    |      |           |       |       |       |       |       |        |   |  |  |  |  |   |        |  |  |   |   |   |   |        |   |   |   |   |    |    |        |    |    |    |    |        |   |        |  |  |   |  |  |  |        |  |  |   |  |  |  |        |        |  |   |   |  |  |        |  |   |   |  |  |  |        |  |   |  |        |  |  |         |  |  |   |   |  |  |  |  |  |  |  |  |  |        |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |        |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |        |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |        |  |  |  |  |  |  |   |   |  |  |  |  |  |  |  |  |        |  |  |  |  |  |  |  |  |   |   |   |  |  |  |  |  |        |  |  |  |  |  |  |  |  |  |  |  |   |   |  |  |  |         |  |  |  |  |  |  |  |  |  |  |  |  |  |   |   |   |
| CPMK-10                                                          |                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                   |                                                                                  |                 |                                 |     |                     |   |    |    |    |    | ✓  | ✓  | ✓    |           |       |       |       |       |       |        |   |  |  |  |  |   |        |  |  |   |   |   |   |        |   |   |   |   |    |    |        |    |    |    |    |        |   |        |  |  |   |  |  |  |        |  |  |   |  |  |  |        |        |  |   |   |  |  |        |  |   |   |  |  |  |        |  |   |  |        |  |  |         |  |  |   |   |  |  |  |  |  |  |  |  |  |        |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |        |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |        |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |        |  |  |  |  |  |  |   |   |  |  |  |  |  |  |  |  |        |  |  |  |  |  |  |  |  |   |   |   |  |  |  |  |  |        |  |  |  |  |  |  |  |  |  |  |  |   |   |  |  |  |         |  |  |  |  |  |  |  |  |  |  |  |  |  |   |   |   |
| Deskripsi Singkat MK                                             |                                                 | Mata kuliah Metodologi Penelitian Kuantitatif Pendidikan membekali mahasiswa S2 Pendidikan Teknik Elektro dengan pemahaman mendalam tentang prinsip, desain, dan teknik penelitian kuantitatif dalam konteks pendidikan teknik. Mata kuliah ini mencakup perumusan masalah penelitian, pengembangan hipotesis, desain penelitian eksperimen dan non-eksperimen, teknik sampling, pengembangan instrumen penelitian, serta analisis data kuantitatif menggunakan metode statistik yang relevan. Tujuan utama mata kuliah adalah mengembangkan kemampuan mahasiswa dalam merancang, melaksanakan, dan mengevaluasi penelitian kuantitatif yang berkualitas di bidang pendidikan teknik elektro. Ruang lingkup meliputi aplikasi metodologi kuantitatif untuk mengevaluasi efektivitas pembelajaran, pengembangan kurikulum, implementasi teknologi pendidikan, dan inovasi pedagogis dalam konteks pendidikan teknik elektro.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                   |                                                                                  |                 |                                 |     |                     |   |    |    |    |    |    |    |      |           |       |       |       |       |       |        |   |  |  |  |  |   |        |  |  |   |   |   |   |        |   |   |   |   |    |    |        |    |    |    |    |        |   |        |  |  |   |  |  |  |        |  |  |   |  |  |  |        |        |  |   |   |  |  |        |  |   |   |  |  |  |        |  |   |  |        |  |  |         |  |  |   |   |  |  |  |  |  |  |  |  |  |        |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |        |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |        |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |        |  |  |  |  |  |  |   |   |  |  |  |  |  |  |  |  |        |  |  |  |  |  |  |  |  |   |   |   |  |  |  |  |  |        |  |  |  |  |  |  |  |  |  |  |  |   |   |  |  |  |         |  |  |  |  |  |  |  |  |  |  |  |  |  |   |   |   |
| Pustaka                                                          |                                                 | <div>Utama :</div> <div></div> <div>Pendukung :</div> <div></div>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                   |                                                                                  |                 |                                 |     |                     |   |    |    |    |    |    |    |      |           |       |       |       |       |       |        |   |  |  |  |  |   |        |  |  |   |   |   |   |        |   |   |   |   |    |    |        |    |    |    |    |        |   |        |  |  |   |  |  |  |        |  |  |   |  |  |  |        |        |  |   |   |  |  |        |  |   |   |  |  |  |        |  |   |  |        |  |  |         |  |  |   |   |  |  |  |  |  |  |  |  |  |        |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |        |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |        |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |        |  |  |  |  |  |  |   |   |  |  |  |  |  |  |  |  |        |  |  |  |  |  |  |  |  |   |   |   |  |  |  |  |  |        |  |  |  |  |  |  |  |  |  |  |  |   |   |  |  |  |         |  |  |  |  |  |  |  |  |  |  |  |  |  |   |   |   |
| Dosen Pengampu                                                   |                                                 | MEINI SONDANG SUMBAWATI<br>NUR KHOLIS<br>Dr. Meini Sondang Sumbawati, M.Pd.<br>Dr. Meini Sondang Sumbawati, M.Pd.<br>Dr. Ir. Nur Kholis, S.T., M.T.<br>Dr. Ir. Nur Kholis, S.T., M.T.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                   |                                                                                  |                 |                                 |     |                     |   |    |    |    |    |    |    |      |           |       |       |       |       |       |        |   |  |  |  |  |   |        |  |  |   |   |   |   |        |   |   |   |   |    |    |        |    |    |    |    |        |   |        |  |  |   |  |  |  |        |  |  |   |  |  |  |        |        |  |   |   |  |  |        |  |   |   |  |  |  |        |  |   |  |        |  |  |         |  |  |   |   |  |  |  |  |  |  |  |  |  |        |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |        |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |        |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |        |  |  |  |  |  |  |   |   |  |  |  |  |  |  |  |  |        |  |  |  |  |  |  |  |  |   |   |   |  |  |  |  |  |        |  |  |  |  |  |  |  |  |  |  |  |   |   |  |  |  |         |  |  |  |  |  |  |  |  |  |  |  |  |  |   |   |   |
| Mg Ke-                                                           | Kemampuan akhir tiap tahapan belajar (Sub-CPMK) | Penilaian                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                   | Bantuk Pembelajaran, Metode Pembelajaran, Penugasan Mahasiswa, [ Estimasi Waktu] |                 | Materi Pembelajaran [ Pustaka ] |     | Bobot Penilaian (%) |   |    |    |    |    |    |    |      |           |       |       |       |       |       |        |   |  |  |  |  |   |        |  |  |   |   |   |   |        |   |   |   |   |    |    |        |    |    |    |    |        |   |        |  |  |   |  |  |  |        |  |  |   |  |  |  |        |        |  |   |   |  |  |        |  |   |   |  |  |  |        |  |   |  |        |  |  |         |  |  |   |   |  |  |  |  |  |  |  |  |  |        |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |        |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |        |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |        |  |  |  |  |  |  |   |   |  |  |  |  |  |  |  |  |        |  |  |  |  |  |  |  |  |   |   |   |  |  |  |  |  |        |  |  |  |  |  |  |  |  |  |  |  |   |   |  |  |  |         |  |  |  |  |  |  |  |  |  |  |  |  |  |   |   |   |
|                                                                  |                                                 | Indikator                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Kriteria & Bentuk | Luring (offline)                                                                 | Daring (online) |                                 |     |                     |   |    |    |    |    |    |    |      |           |       |       |       |       |       |        |   |  |  |  |  |   |        |  |  |   |   |   |   |        |   |   |   |   |    |    |        |    |    |    |    |        |   |        |  |  |   |  |  |  |        |  |  |   |  |  |  |        |        |  |   |   |  |  |        |  |   |   |  |  |  |        |  |   |  |        |  |  |         |  |  |   |   |  |  |  |  |  |  |  |  |  |        |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |        |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |        |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |        |  |  |  |  |  |  |   |   |  |  |  |  |  |  |  |  |        |  |  |  |  |  |  |  |  |   |   |   |  |  |  |  |  |        |  |  |  |  |  |  |  |  |  |  |  |   |   |  |  |  |         |  |  |  |  |  |  |  |  |  |  |  |  |  |   |   |   |
| (1)                                                              | (2)                                             | (3)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | (4)               | (5)                                                                              | (6)             | (7)                             | (8) |                     |   |    |    |    |    |    |    |      |           |       |       |       |       |       |        |   |  |  |  |  |   |        |  |  |   |   |   |   |        |   |   |   |   |    |    |        |    |    |    |    |        |   |        |  |  |   |  |  |  |        |  |  |   |  |  |  |        |        |  |   |   |  |  |        |  |   |   |  |  |  |        |  |   |  |        |  |  |         |  |  |   |   |  |  |  |  |  |  |  |  |  |        |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |        |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |        |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |        |  |  |  |  |  |  |   |   |  |  |  |  |  |  |  |  |        |  |  |  |  |  |  |  |  |   |   |   |  |  |  |  |  |        |  |  |  |  |  |  |  |  |  |  |  |   |   |  |  |  |         |  |  |  |  |  |  |  |  |  |  |  |  |  |   |   |   |

|    |                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                          |                                                                                                           |                                                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                  |    |
|----|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------|-----------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|
| 1  | Mahasiswa mampu menerapkan prinsip etika akademik seperti kejujuran, integritas, penghargaan terhadap hak cipta, dan perlindungan subjek penelitian dalam merancang proposal penelitian kuantitatif pendidikan teknik elektro. | <ol style="list-style-type: none"> <li>1. Mengidentifikasi prinsip etika akademik yang relevan dengan penelitian kuantitatif</li> <li>2. Menerapkan prinsip kejujuran dan integritas dalam penyusunan proposal</li> <li>3. Menerapkan prinsip penghargaan hak cipta dan penghindaran plagiarisme</li> <li>4. Menerapkan prinsip perlindungan subjek penelitian dalam konteks pendidikan teknik elektro</li> </ol> | <b>Bentuk Penilaian</b><br>: Aktifitas Partisipasif, Tes | Ceramah interaktif, studi kasus, diskusi kelompok, dan simulasi penerapan etika dalam rancangan proposal. | Analisis studi kasus etika penelitian melalui forum diskusi LMS, Kuis online tentang penerapan prinsip etika dalam proposal | <b>Materi:</b> Konsep dasar etika akademik dalam penelitian, Prinsip kejujuran, integritas, dan transparansi, Penghargaan hak cipta dan penghindaran plagiarisme, Perlindungan subjek penelitian (misalnya, mahasiswa, guru, atau praktisi teknik elektro), Studi kasus pelanggaran etika dalam penelitian kuantitatif pendidikan<br><b>Pustaka:</b> <i>Handbook Perkuliahan</i> | 0% |
| 2  | Mahasiswa mampu menerapkan prinsip etika akademik seperti kejujuran, integritas, penghargaan terhadap hak cipta, dan perlindungan subjek penelitian dalam merancang proposal penelitian kuantitatif pendidikan teknik elektro. | <ol style="list-style-type: none"> <li>1. Mengidentifikasi prinsip etika akademik yang relevan dengan penelitian kuantitatif</li> <li>2. Menerapkan prinsip kejujuran dan integritas dalam penyusunan proposal</li> <li>3. Menerapkan prinsip penghargaan hak cipta dan penghindaran plagiarisme</li> <li>4. Menerapkan prinsip perlindungan subjek penelitian dalam konteks pendidikan teknik elektro</li> </ol> | <b>Bentuk Penilaian</b><br>: Aktifitas Partisipasif, Tes | Ceramah interaktif, studi kasus, diskusi kelompok, dan simulasi penerapan etika dalam rancangan proposal. | Analisis studi kasus etika penelitian melalui forum diskusi LMS, Kuis online tentang penerapan prinsip etika dalam proposal | <b>Materi:</b> Konsep dasar etika akademik dalam penelitian, Prinsip kejujuran, integritas, dan transparansi, Penghargaan hak cipta dan penghindaran plagiarisme, Perlindungan subjek penelitian (misalnya, mahasiswa, guru, atau praktisi teknik elektro), Studi kasus pelanggaran etika dalam penelitian kuantitatif pendidikan<br><b>Pustaka:</b> <i>Handbook Perkuliahan</i> | 0% |
| 3  |                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                          |                                                                                                           |                                                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                  | 0% |
| 4  |                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                          |                                                                                                           |                                                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                  | 0% |
| 5  |                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                          |                                                                                                           |                                                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                  | 0% |
| 6  |                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                          |                                                                                                           |                                                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                  | 0% |
| 7  |                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                          |                                                                                                           |                                                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                  | 0% |
| 8  |                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                          |                                                                                                           |                                                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                  | 0% |
| 9  |                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                          |                                                                                                           |                                                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                  | 0% |
| 10 |                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                          |                                                                                                           |                                                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                  | 0% |

|    |  |  |  |  |  |  |    |
|----|--|--|--|--|--|--|----|
| 11 |  |  |  |  |  |  | 0% |
| 12 |  |  |  |  |  |  | 0% |
| 13 |  |  |  |  |  |  | 0% |
| 14 |  |  |  |  |  |  | 0% |
| 15 |  |  |  |  |  |  | 0% |
| 16 |  |  |  |  |  |  | 0% |

#### Rekap Persentase Evaluasi : Case Study

| No | Evaluasi | Persentase |
|----|----------|------------|
|    |          | 0%         |

#### Catatan

1. **Capaian Pembelajaran Lulusan Prodi (CPL - Prodi)** adalah kemampuan yang dimiliki oleh setiap lulusan prodi yang merupakan internalisasi dari sikap, penguasaan pengetahuan dan ketrampilan sesuai dengan jenjang prodinya yang diperoleh melalui proses pembelajaran.
2. **CPL yang dibebankan pada mata kuliah** adalah beberapa capaian pembelajaran lulusan program studi (CPL-Prodi) yang digunakan untuk pembentukan/pengembangan sebuah mata kuliah yang terdiri dari aspek sikap, ketrampilan umum, ketrampilan khusus dan pengetahuan.
3. **CP Mata kuliah (CPMK)** adalah kemampuan yang dijabarkan secara spesifik dari CPL yang dibebankan pada mata kuliah, dan bersifat spesifik terhadap bahan kajian atau materi pembelajaran mata kuliah tersebut.
4. **Sub-CPMK Mata kuliah (Sub-CPMK)** adalah kemampuan yang dijabarkan secara spesifik dari CPMK yang dapat diukur atau diamati dan merupakan kemampuan akhir yang direncanakan pada tiap tahap pembelajaran, dan bersifat spesifik terhadap materi pembelajaran mata kuliah tersebut.
5. **Indikator penilaian** kemampuan dalam proses maupun hasil belajar mahasiswa adalah pernyataan spesifik dan terukur yang mengidentifikasi kemampuan atau kinerja hasil belajar mahasiswa yang disertai bukti-bukti.
6. **Kreteria Penilaian** adalah patokan yang digunakan sebagai ukuran atau tolok ukur ketercapaian pembelajaran dalam penilaian berdasarkan indikator-indikator yang telah ditetapkan. Kreteria penilaian merupakan pedoman bagi penilai agar penilaian konsisten dan tidak bias. Kreteria dapat berupa kuantitatif ataupun kualitatif.
7. **Bentuk penilaian:** tes dan non-tes.
8. **Bentuk pembelajaran:** Kuliah, Responsi, Tutorial, Seminar atau yang setara, Praktikum, Praktik Studio, Praktik Bengkel, Praktik Lapangan, Penelitian, Pengabdian Kepada Masyarakat dan/atau bentuk pembelajaran lain yang setara.
9. **Metode Pembelajaran:** Small Group Discussion, Role-Play & Simulation, Discovery Learning, Self-Directed Learning, Cooperative Learning, Collaborative Learning, Contextual Learning, Project Based Learning, dan metode lainnya yg setara.
10. **Materi Pembelajaran** adalah rincian atau uraian dari bahan kajian yg dapat disajikan dalam bentuk beberapa pokok dan sub-pokok bahasan.
11. **Bobot penilaian** adalah prosentasi penilaian terhadap setiap pencapaian sub-CPMK yang besarnya proposional dengan tingkat kesulitan pencapaian sub-CPMK tsb., dan totalnya 100%.
12. TM=Tatap Muka, PT=Penugasan terstruktur, BM=Belajar mandiri.