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|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|-----|---------------------------|----------------------|
|  | <b>Universitas Negeri Surabaya</b><br><b>Fakultas Teknik</b><br><b>Program Studi S1 Pendidikan Teknologi Informasi</b> |                                                                                                                                                                                                        |                 |     |                           | Kode Dokumen         |
|                                                                                   | <b>RENCANA PEMBELAJARAN SEMESTER</b>                                                                                   |                                                                                                                                                                                                        |                 |     |                           |                      |
| MATA KULIAH (MK)                                                                  | KODE                                                                                                                   | Rumpun MK                                                                                                                                                                                              | BOBOT (sks)     |     | SEMESTER                  | Tgl Penyusunan       |
| E-Learning                                                                        | 8320702115                                                                                                             |                                                                                                                                                                                                        | T=2             | P=0 | ECTS=3.18                 | 2<br>6 Desember 2025 |
| OTORISASI                                                                         | Pengembang RPS                                                                                                         |                                                                                                                                                                                                        | Koordinator RMK |     | Koordinator Program Studi |                      |
|                                                                                   | Dr. Yeni Anistyasari, S.Pd., M.Kom.                                                                                    |                                                                                                                                                                                                        | .....           |     | YENI ANISTYASARI          |                      |
| Model Pembelajaran                                                                | Project Based Learning                                                                                                 |                                                                                                                                                                                                        |                 |     |                           |                      |
| Capaian Pembelajaran (CP)                                                         | CPL-PRODI yang dibebankan pada MK                                                                                      |                                                                                                                                                                                                        |                 |     |                           |                      |
|                                                                                   | CPL-7                                                                                                                  | Menguasai konsep, model pembelajaran inovatif, dan program pengajaran di bidang teknologi informasi yang relevan dengan perkembangan teknologi terkini.                                                |                 |     |                           |                      |
|                                                                                   | CPL-9                                                                                                                  | Menguasai konsep etika profesi guru dan etika profesi di bidang teknologi informasi.                                                                                                                   |                 |     |                           |                      |
|                                                                                   | CPL-11                                                                                                                 | Memiliki karakter adaptif, berjiwa wirausaha, dan mampu bekerja dalam tim.                                                                                                                             |                 |     |                           |                      |
|                                                                                   | CPL-12                                                                                                                 | Mampu mengimplementasikan ilmu pengetahuan sains, teknologi, teknik, dan matematika (STEM) dan informatika ke dalam penelitian di bidang pendidikan.                                                   |                 |     |                           |                      |
|                                                                                   | CPL-13                                                                                                                 | Mampu mengembangkan produk pendidikan atau sumber belajar yang inovatif dengan menggunakan strategi berbasis desain ilmiah untuk mendukung kegiatan pembelajaran yang dapat diintegrasikan dengan TIK. |                 |     |                           |                      |
|                                                                                   | CPL-14                                                                                                                 | Mampu mengembangkan program pengajaran di bidang teknologi informasi sesuai dengan kurikulum yang berlaku.                                                                                             |                 |     |                           |                      |
|                                                                                   | Capaian Pembelajaran Mata Kuliah (CPMK)                                                                                |                                                                                                                                                                                                        |                 |     |                           |                      |
|                                                                                   | CPMK - 1                                                                                                               | Menerapkan konsep dan model pembelajaran inovatif dalam pengembangan materi E-Learning yang efektif (C3)                                                                                               |                 |     |                           |                      |
|                                                                                   | CPMK - 2                                                                                                               | Menganalisis berbagai strategi pembelajaran E-Learning untuk mengidentifikasi yang paling efektif dalam konteks pendidikan teknologi informasi (C4)                                                    |                 |     |                           |                      |
|                                                                                   | CPMK - 3                                                                                                               | Mengevaluasi efektivitas penggunaan teknologi informasi dalam pembelajaran E-Learning berdasarkan hasil penelitian terkini (C5)                                                                        |                 |     |                           |                      |
|                                                                                   | CPMK - 4                                                                                                               | Menciptakan modul E-Learning yang inovatif dengan mengintegrasikan konsep STEM dan informatika (C6)                                                                                                    |                 |     |                           |                      |
|                                                                                   | CPMK - 5                                                                                                               | Menerapkan teknik desain ilmiah dalam pengembangan sumber belajar digital untuk mendukung pembelajaran E-Learning (C3)                                                                                 |                 |     |                           |                      |
|                                                                                   | CPMK - 6                                                                                                               | Menganalisis dan mengevaluasi berbagai platform E-Learning untuk menentukan yang paling sesuai dengan kebutuhan pendidikan teknologi informasi (C4, C5)                                                |                 |     |                           |                      |
|                                                                                   | CPMK - 7                                                                                                               | Menciptakan strategi penilaian online yang efektif untuk mengukur pencapaian pembelajaran dalam kursus E-Learning (C6)                                                                                 |                 |     |                           |                      |
|                                                                                   | CPMK - 8                                                                                                               | Menerapkan prinsip-prinsip desain instruksional dalam pengembangan konten E-Learning yang menarik dan pedagogis (C3)                                                                                   |                 |     |                           |                      |
|                                                                                   | CPMK - 9                                                                                                               | Menganalisis dampak penggunaan media dan teknologi baru dalam E-Learning terhadap hasil belajar siswa (C4)                                                                                             |                 |     |                           |                      |
|                                                                                   | CPMK - 10                                                                                                              | Mengevaluasi dan mengoptimalkan user interface dan user experience dalam platform E-Learning untuk meningkatkan keterlibatan dan efektivitas pembelajaran (C5)                                         |                 |     |                           |                      |
|                                                                                   | Matrik CPL - CPMK                                                                                                      |                                                                                                                                                                                                        |                 |     |                           |                      |

|                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                   |                                                                                  |                 |                                 |                     |        |        |        |    |    |    |    |    |    |        |   |   |   |   |   |   |        |   |   |   |    |    |    |        |    |    |    |        |   |   |        |  |  |  |  |   |  |        |  |  |  |  |   |  |        |  |  |   |   |   |  |        |   |  |  |  |  |  |        |  |  |        |   |  |  |         |   |   |  |  |   |  |  |  |  |  |  |  |        |  |  |  |  |  |  |   |   |  |  |  |  |  |  |  |  |        |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |        |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |        |  |  |  |  |  |  |  |  |  |  |   |   |  |  |  |  |        |  |  |  |  |  |  |  |  |  |  |  |  |   |   |  |  |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |   |  |         |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |
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|                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | <table><tr><td>CPMK</td><td>CPL-7</td><td>CPL-9</td><td>CPL-11</td><td>CPL-12</td><td>CPL-13</td><td>CPL-14</td></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-7                                                                            | CPL-9           | CPL-11                          | CPL-12              | CPL-13 | CPL-14 | CPMK-1 | ✓  |    |    |    |    |    | CPMK-2 | ✓ |   |   |   |   |   | CPMK-3 |   |   |   | ✓  |    |    | CPMK-4 |    |    |    | ✓      |   |   | CPMK-5 |  |  |  |  | ✓ |  | CPMK-6 |  |  |  |  | ✓ |  | CPMK-7 |  |  |   |   | ✓ |  | CPMK-8 | ✓ |  |  |  |  |  | CPMK-9 |  |  |        | ✓ |  |  | CPMK-10 |   |   |  |  | ✓ |  |  |  |  |  |  |  |        |  |  |  |  |  |  |   |   |  |  |  |  |  |  |  |  |        |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |        |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |        |  |  |  |  |  |  |  |  |  |  |   |   |  |  |  |  |        |  |  |  |  |  |  |  |  |  |  |  |  |   |   |  |  |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |   |  |         |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |
| CPMK                                                             | CPL-7                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | CPL-9                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | CPL-11            | CPL-12                                                                           | CPL-13          | CPL-14                          |                     |        |        |        |    |    |    |    |    |    |        |   |   |   |   |   |   |        |   |   |   |    |    |    |        |    |    |    |        |   |   |        |  |  |  |  |   |  |        |  |  |  |  |   |  |        |  |  |   |   |   |  |        |   |  |  |  |  |  |        |  |  |        |   |  |  |         |   |   |  |  |   |  |  |  |  |  |  |  |        |  |  |  |  |  |  |   |   |  |  |  |  |  |  |  |  |        |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |        |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |        |  |  |  |  |  |  |  |  |  |  |   |   |  |  |  |  |        |  |  |  |  |  |  |  |  |  |  |  |  |   |   |  |  |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |   |  |         |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |
| 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><td rowspan="2">CPMK</td><td colspan="16">Minggu Ke</td></tr><tr><td>1</td><td>2</td><td>3</td><td>4</td><td>5</td><td>6</td><td>7</td><td>8</td><td>9</td><td>10</td><td>11</td><td>12</td><td>13</td><td>14</td><td>15</td><td>16</td></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 ini merupakan pembelajaran, pemahaman, dan pengembangan tentang pembelajaran berbasis web ( e-learning ) yang meliputi pengertian, konsep, desain, dan implementasi dalam bidang pendidikan.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                   |                                                                                  |                 |                                 |                     |        |        |        |    |    |    |    |    |    |        |   |   |   |   |   |   |        |   |   |   |    |    |    |        |    |    |    |        |   |   |        |  |  |  |  |   |  |        |  |  |  |  |   |  |        |  |  |   |   |   |  |        |   |  |  |  |  |  |        |  |  |        |   |  |  |         |   |   |  |  |   |  |  |  |  |  |  |  |        |  |  |  |  |  |  |   |   |  |  |  |  |  |  |  |  |        |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |        |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |        |  |  |  |  |  |  |  |  |  |  |   |   |  |  |  |  |        |  |  |  |  |  |  |  |  |  |  |  |  |   |   |  |  |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |   |  |         |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |
| Pustaka                                                          | <div>Utama :</div> <div>1. William H. Rice. 2006. Moodle: E-Learning Course Development. Packt Publisng. Birmingham-Mumbai<br/>2. Jay Liebowitz, DSc and Michael S. Frank, PhD. 2011. Knowledge Mangement and E-Learning. CRC Press<br/>3. Rebecca Barrington. 2012. Moodle Gradebook. Packt Publisng. Birmingham-Mumbai<br/>4. Junuz, Enima. 2009. Preparation of the learning content for semantic e-learning environtment. Science Direct<br/>5. Wibawa, Setya Chendra. 2016. Belajar e-learning dari berbagai LMS. Tidak dipublikasikan</div> <div>Pendukung :</div> <div>1. Wibawa, R. C., Sujatmiko, B., Anistyasari, Y., Basatha, R., Akbar, M. S., Elfaiz, E. A., ... Habibi, M. W. (2024). Pengembangan program pembelajaran keterampilan berpikir komputasional untuk siswa Sekolah Indonesia Davao (SID) Filipina. Jurnal Pendidikan Tambusai, 8(3), 49 464–49 472.<br/>2. Basatha, R., Prayoga, R. A. S., Akbar, M. S., Prayitno, E. D., Nikmah, M., Nusyura, F., ... Fitriani, L. D . (2025). Systematic literature review o n theimplementation o f game-based learning management systems through ClassDojo i n Indonesian education: A focus on parental involvement and teacherreadiness to increase student learning motivation. In Proceedings of the 1st International Conference on Green Engineering for Sustainable Future(ICoGESF 2025).</div>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                   |                                                                                  |                 |                                 |                     |        |        |        |    |    |    |    |    |    |        |   |   |   |   |   |   |        |   |   |   |    |    |    |        |    |    |    |        |   |   |        |  |  |  |  |   |  |        |  |  |  |  |   |  |        |  |  |   |   |   |  |        |   |  |  |  |  |  |        |  |  |        |   |  |  |         |   |   |  |  |   |  |  |  |  |  |  |  |        |  |  |  |  |  |  |   |   |  |  |  |  |  |  |  |  |        |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |        |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |        |  |  |  |  |  |  |  |  |  |  |   |   |  |  |  |  |        |  |  |  |  |  |  |  |  |  |  |  |  |   |   |  |  |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |   |  |         |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |
| Dosen Pengampu                                                   | Harun Al Rosyid, S.T., M.T.<br>Dr. Yeni Anistyasari, S.Pd., M.Kom.<br>Ir. Rizky Basatha, S.Pd., M.MT.<br>Riza Akhsani Setyo Prayoga, S.Kom., M.MT.<br>Muhammad Sonhaji Akbar, S.Pd., M.Kom.<br>Ersha Aisyah Elfaiz, S.Si., M.T.I.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                   |                                                                                  |                 |                                 |                     |        |        |        |    |    |    |    |    |    |        |   |   |   |   |   |   |        |   |   |   |    |    |    |        |    |    |    |        |   |   |        |  |  |  |  |   |  |        |  |  |  |  |   |  |        |  |  |   |   |   |  |        |   |  |  |  |  |  |        |  |  |        |   |  |  |         |   |   |  |  |   |  |  |  |  |  |  |  |        |  |  |  |  |  |  |   |   |  |  |  |  |  |  |  |  |        |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |        |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |        |  |  |  |  |  |  |  |  |  |  |   |   |  |  |  |  |        |  |  |  |  |  |  |  |  |  |  |  |  |   |   |  |  |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |   |  |         |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |
| 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)                 |        |        |        |    |    |    |    |    |    |        |   |   |   |   |   |   |        |   |   |   |    |    |    |        |    |    |    |        |   |   |        |  |  |  |  |   |  |        |  |  |  |  |   |  |        |  |  |   |   |   |  |        |   |  |  |  |  |  |        |  |  |        |   |  |  |         |   |   |  |  |   |  |  |  |  |  |  |  |        |  |  |  |  |  |  |   |   |  |  |  |  |  |  |  |  |        |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |        |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |        |  |  |  |  |  |  |  |  |  |  |   |   |  |  |  |  |        |  |  |  |  |  |  |  |  |  |  |  |  |   |   |  |  |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |   |  |         |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |

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|---|----------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------|------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|
| 1 | Pengenalan E-Learning                                          | 1.Pemanfaatan e-learning dalam dunia pendidikan<br>2.Kaitan e-learning dengan kompetensi yang harus dimiliki oleh mahasiswa<br>3.Teknik pembelajaran e-learning<br>4.Strategi pemanfaatan multi sumber untuk memperkaya belajar mahasiswa                                                     | <b>Kriteria:</b><br>1.Benar = 1<br>2.Salah = 0<br><br><b>Bentuk Penilaian :</b><br>Aktifitas Partisipasif, Penilaian Hasil Project / Penilaian Produk      | Ceramah, Problem base learning Blended Learning<br>2 X 50 |                                                                  | <b>Materi:</b> Teori pembelajaran inovatif, Model pembelajaran kolaboratif, Strategi pengembangan materi E-Learning<br><b>Pustaka:</b><br><i>Handbook Perkuliahan</i> | 3% |
| 2 | Pengenalan E-Learning                                          | 1.Pemanfaatan e-learning dalam dunia pendidikan<br>2.Kaitan e-learning dengan kompetensi yang harus dimiliki oleh mahasiswa<br>3.Teknik pembelajaran e-learning<br>4.Strategi pemanfaatan multi sumber untuk memperkaya belajar mahasiswa                                                     | <b>Kriteria:</b><br>1.Benar = 1<br>2.Salah = 0<br><br><b>Bentuk Penilaian :</b><br>Aktifitas Partisipasif, Penilaian Hasil Project / Penilaian Produk      | Ceramah, Problem base learning Blended Learning<br>2 X 50 |                                                                  | <b>Materi:</b> Teori pembelajaran inovatif, Model pembelajaran kolaboratif, Strategi pengembangan materi E-Learning<br><b>Pustaka:</b><br><i>Handbook Perkuliahan</i> | 3% |
| 3 | Sejarah perkembangan e-learning dan model penerapan e-learning | 1.Menjelaskan sejarah perkembangan e-learning<br>2.Menjelaskan keberhasilan pemanfaatan e-learning di Eropa, Amerika dan Asia<br>3.Menjelaskan model penerapan e-learning<br>4.Menjelaskan dan diskusi penerapan e-learning untuk Indonesia berdasarkan pengamatan e-learning di negara lain. | <b>Kriteria:</b><br>1.Benar = 1<br>2.Salah = 0<br><br><b>Bentuk Penilaian :</b><br>Aktifitas Partisipasif, Penilaian Hasil Project / Penilaian Produk, Tes | Ceramah Problem base learning Blended Learning<br>2 X 50  | Diskusi Online tentang Analisis Strategi Pembelajaran E-Learning | <b>Materi:</b> Teori Pembelajaran E-Learning, Strategi Pembelajaran E-Learning, Pendidikan Teknologi Informasi<br><b>Pustaka:</b><br><i>Handbook Perkuliahan</i>      | 3% |

|   |                                                                |                                                                                                                                                                                                                                                                                                   |                                                                                                                                                              |                                                        |                                                                  |                                                                                                                                                                                                                                                                             |     |
|---|----------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------|------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|
| 4 | Sejarah perkembangan e-learning dan model penerapan e-learning | 1. Menjelaskan sejarah perkembangan e-learning<br>2. Menjelaskan keberhasilan pemanfaatan e-learning di Eropa, Amerika dan Asia<br>3. Menjelaskan model penerapan e-learning<br>4. Menjelaskan dan diskusi penerapan e-learning untuk Indonesia berdasarkan pengamatan e-learning di negara lain. | <b>Kriteria:</b><br>1. Benar = 1<br>2. Salah = 0<br><br><b>Bentuk Penilaian :</b><br>Aktifitas Partisipasif, Penilaian Hasil Project / Penilaian Produk, Tes | CeramahProblem base learningBlended Learning<br>2 X 50 | Diskusi Online tentang Analisis Strategi Pembelajaran E-Learning | <b>Materi:</b> Teori Pembelajaran E-Learning, Strategi Pembelajaran E-Learning, Pendidikan Teknologi Informasi<br><b>Pustaka:</b><br><i>Handbook Perkuliahan</i>                                                                                                            | 3%  |
| 5 | Prosedur dan Pengembangan E-Learning                           | 1. Tahap-tahap pengembangan e-learning<br>2. Fungsi komponen tahapan e-learning<br>3. Peta konsep pengembangan e-learning                                                                                                                                                                         | <b>Kriteria:</b><br>1. Benar = 1<br>2. Salah = 0<br><br><b>Bentuk Penilaian :</b><br>Penilaian Hasil Project / Penilaian Produk                              | CeramahProblem base learningBlended Learning<br>2 X 50 | Diskusi Online, Analisis Studi Kasus                             | <b>Materi:</b> Pengenalan E-Learning, Taksonomi Bloom, Penggunaan Teknologi Informasi dalam Pembelajaran<br><b>Pustaka:</b><br><i>Handbook Perkuliahan</i>                                                                                                                  | 3%  |
| 6 | Prosedur dan Pengembangan E-Learning                           | 1. Tahap-tahap pengembangan e-learning<br>2. Fungsi komponen tahapan e-learning<br>3. Peta konsep pengembangan e-learning                                                                                                                                                                         | <b>Kriteria:</b><br>1. Benar = 1<br>2. Salah = 0<br><br><b>Bentuk Penilaian :</b><br>Penilaian Hasil Project / Penilaian Produk, Tes                         | CeramahProblem base learningBlended Learning<br>2 X 50 | Diskusi Online, Analisis Studi Kasus                             | <b>Materi:</b> Pengenalan E-Learning, Taksonomi Bloom, Penggunaan Teknologi Informasi dalam Pembelajaran<br><b>Pustaka:</b><br><i>Handbook Perkuliahan</i>                                                                                                                  | 5%  |
| 7 | E-Learning di Indonesia                                        | Memahami tentang pemanfaatan E-Learning di Indonesia                                                                                                                                                                                                                                              | <b>Kriteria:</b><br>1. Benar = 1<br>2. Salah = 0<br><br><b>Bentuk Penilaian :</b><br>Penilaian Hasil Project / Penilaian Produk, Penilaian Portofolio        | CeramahProblem base learningBlended Learning<br>2 X 50 | Pengembangan Modul E-Learning Interaktif                         | <b>Materi:</b> Konsep STEM, Pengembangan Modul E-Learning, Integrasi Informatika dalam Pembelajaran<br><b>Pustaka:</b><br><i>Handbook Perkuliahan</i>                                                                                                                       | 5%  |
| 8 | Ujian Tengah Semester                                          | Integrasi konsep STEM dan informatika dalam modul E-Learning                                                                                                                                                                                                                                      | <b>Kriteria:</b><br>1. Benar = 1<br>2. Salah = 0<br><br><b>Bentuk Penilaian :</b><br>Aktifitas Partisipasif, Penilaian Hasil Project / Penilaian Produk      | 2 X 50                                                 | Diskusi daring tentang konsep STEM dan informatika               | <b>Materi:</b> Konsep STEM, Informatika, Desain Modul E-Learning<br><b>Pustaka:</b><br><i>Handbook Perkuliahan</i><br><br><b>Materi:</b> Ujian Tengah Semester<br><b>Pustaka:</b><br><i>Rebecca Barrington. 2012. Moodle Gradebook. Packt Publishing. Birmingham-Mumbai</i> | 20% |

|    |                                                              |                                                                                        |                                                                                                                                                    |                                                        |                                                                                                                                              |                                                                                                                                                                                                                      |    |
|----|--------------------------------------------------------------|----------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|
| 9  | Kemampuan akhir:<br>Instalasi dan konfigurasi Server dan LMS | 1.Memahami pengertian Server<br>2.Memahami manfaat Server<br>3.Memahami pengertian LMS | <b>Kriteria:</b><br>1. Benar = 1<br>2. Salah = 0<br><br><b>Bentuk Penilaian :</b><br>Penilaian Hasil Project / Penilaian Produk                    | CeramahProblem base learningBlended Learning<br>2 X 50 | Penugasan Pengembangan Sumber Belajar Digital                                                                                                | <b>Materi:</b> Prinsip Desain Ilmiah, Pengembangan Sumber Belajar Digital, Pembelajaran E-Learning<br><b>Pustaka:</b><br><i>Handbook Perkuliahan</i>                                                                 | 5% |
| 10 | Konfigurasi Front Page                                       | 1.Memahami Theme<br>2.Konfigurasi front page                                           | <b>Kriteria:</b><br>1. Benar = 1<br>2. Salah = 0<br><br><b>Bentuk Penilaian :</b><br>Penilaian Hasil Project / Penilaian Produk                    | CeramahProblem base learningBlended Learning<br>2 X 50 | Diskusi Online tentang Platform E-Learning yang Dipilih, Penyusunan Portofolio Analisis Platform E-Learning                                  | <b>Materi:</b> Pengenalan Platform E-Learning, Kriteria Pemilihan Platform E-Learning, Teknik Analisis dan Evaluasi Platform<br><b>Pustaka:</b><br><i>Handbook Perkuliahan</i>                                       | 5% |
| 11 | Manajemen Account                                            | 1.Memahami hak akses user<br>2.Mengatur hak akses user                                 | <b>Kriteria:</b><br>Akunt dalam website harus berjalan dengan benar<br><br><b>Bentuk Penilaian :</b><br>Penilaian Hasil Project / Penilaian Produk | CeramahProblem base learningBlended Learning<br>2 X 50 | Diskusi daring tentang penerapan strategi penilaian online dalam konteks E-Learning                                                          | <b>Materi:</b> Pengenalan strategi penilaian online, Penerapan penilaian online dalam E-Learning, Analisis hasil penilaian online<br><b>Pustaka:</b><br><i>Handbook Perkuliahan</i>                                  | 3% |
| 12 | Manajemen Course                                             | 1.Memahami manajemen course<br>2.Memahami manajemen konten                             | <b>Kriteria:</b><br>Website harus berjalan dengan benar<br><br><b>Bentuk Penilaian :</b><br>Penilaian Hasil Project / Penilaian Produk             | CeramahProblem base learningBlended Learning<br>2 X 50 | Diskusikan dan rancanglah sebuah strategi penilaian online untuk kasus studi yang diberikan. Unggah hasilnya ke dalam platform LMS.          | <b>Materi:</b> Pengenalan strategi penilaian online, Teknik pengukuran pencapaian pembelajaran<br><b>Pustaka:</b><br><i>Handbook Perkuliahan</i>                                                                     | 3% |
| 13 | Manajemen Konten                                             | Manajemen Konten                                                                       | <b>Kriteria:</b><br>Akunt dalam website harus berjalan dengan benar<br><br><b>Bentuk Penilaian :</b><br>Penilaian Hasil Project / Penilaian Produk | CeramahProblem base learningBlended Learning<br>2 X 50 |                                                                                                                                              | <b>Materi:</b> Prinsip-prinsip Desain Instruksional, Konten E-Learning yang Menarik, Pedagogi dalam E-Learning<br><b>Pustaka:</b><br><i>Handbook Perkuliahan</i>                                                     | 3% |
| 14 | Manajemen Evaluasi                                           | Memahami manajemen evaluasi                                                            | <b>Kriteria:</b><br>Akunt dalam website harus berjalan dengan benar<br><br><b>Bentuk Penilaian :</b><br>Penilaian Hasil Project / Penilaian Produk | CeramahProblem base learningBlended Learning<br>2 X 50 | Diskusi daring tentang implementasi media baru dalam E-Learning, Analisis studi kasus penggunaan teknologi terkini dalam pembelajaran online | <b>Materi:</b> Pengenalan media baru dalam E-Learning, Penggunaan teknologi terkini dalam pembelajaran online, Studi kasus implementasi teknologi dalam E-Learning<br><b>Pustaka:</b><br><i>Handbook Perkuliahan</i> | 3% |

|    |                                                                                                                                                                                                                                             |                                                                                                                                                |                                                                                                                                                                                                 |                                                     |                                                  |                                                                                                                                                                              |     |
|----|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------|--------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|
| 15 | Web Hosting dan Domain                                                                                                                                                                                                                      | Membuat Web Hosting dan Domain                                                                                                                 | <b>Kriteria:</b><br>Akunt dalam website harus berjalan dengan benar<br><br><b>Bentuk Penilaian :</b><br>Penilaian Hasil Project / Penilaian Produk, Penilaian Portofolio, Praktik / Unjuk Kerja | CeramahProblem base learningBlended Learning 2 X 50 | Penugasan Proyek Desain User Interface           | <b>Materi:</b> Prinsip Desain User Interface, Teknik Evaluasi User Experience, Strategi Meningkatkan Keterlibatan Pengguna<br><b>Pustaka:</b><br><i>Handbook Perkuliahan</i> | 3%  |
| 16 | Mahasiswa diharapkan mampu mengidentifikasi kelemahan dan kekuatan user interface dan user experience dalam platform E-Learning, serta mampu mengusulkan perbaikan yang tepat untuk meningkatkan keterlibatan dan efektivitas pembelajaran. | 1.user interface<br>2.user experience<br>3.keterlibatan interface dan user experience dalam platform E-Learning,<br>4.efektivitas pembelajaran | <b>Kriteria:</b><br>Akunt dalam website harus berjalan dengan benar<br><br><b>Bentuk Penilaian :</b><br>Aktifitas Partisipasif, Penilaian Hasil Project / Penilaian Produk, Penilaian Praktikum | Ujian Akhir Semester                                | Diskusi daring, Pengembangan prototipe antarmuka | <b>Materi:</b> Ujian Akhir Semester<br><b>Pustaka:</b><br><i>Rebecca Barrington. 2012. Moodle Gradebook. Packt Publishing. Birmingham-Mumbai</i>                             | 30% |

#### Rekap Persentase Evaluasi : Project Based Learning

| No | Evaluasi                                   | Persentase |
|----|--------------------------------------------|------------|
| 1. | Aktifitas Partisipasif                     | 25%        |
| 2. | Penilaian Hasil Project / Penilaian Produk | 56%        |
| 3. | Penilaian Portofolio                       | 3.5%       |
| 4. | Penilaian Praktikum                        | 10%        |
| 5. | Praktik / Unjuk Kerja                      | 1%         |
| 6. | Tes                                        | 4.5%       |
|    |                                            | 100%       |

#### 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.



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