

|  | <b>Universitas Negeri Surabaya</b><br><b>Fakultas Matematika dan Ilmu Pengetahuan Alam</b><br><b>Program Studi S2 Matematika</b> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                 |       |           | Kode Dokumen              |                 |      |       |       |       |       |        |   |  |  |  |        |  |  |   |  |        |  |  |  |   |        |   |  |  |  |        |  |  |  |   |        |  |  |   |  |        |  |  |  |   |        |  |  |  |   |
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|                                                                                   | <b>RENCANA PEMBELAJARAN SEMESTER</b>                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                 |       |           |                           |                 |      |       |       |       |       |        |   |  |  |  |        |  |  |   |  |        |  |  |  |   |        |   |  |  |  |        |  |  |  |   |        |  |  |   |  |        |  |  |  |   |        |  |  |  |   |
| MATA KULIAH (MK)                                                                  | KODE                                                                                                                             | Rumpun MK                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | BOBOT (sks)     |       |           | SEMESTER                  | Tgl Penyusunan  |      |       |       |       |       |        |   |  |  |  |        |  |  |   |  |        |  |  |  |   |        |   |  |  |  |        |  |  |  |   |        |  |  |   |  |        |  |  |  |   |        |  |  |  |   |
| Teori Graf dan Penerapannya                                                       | 4410103003                                                                                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | T=3             | P=0   | ECTS=6.72 | 1                         | 24 Januari 2026 |      |       |       |       |       |        |   |  |  |  |        |  |  |   |  |        |  |  |  |   |        |   |  |  |  |        |  |  |  |   |        |  |  |   |  |        |  |  |  |   |        |  |  |  |   |
| OTORISASI                                                                         | Pengembang RPS                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Koordinator RMK |       |           | Koordinator Program Studi |                 |      |       |       |       |       |        |   |  |  |  |        |  |  |   |  |        |  |  |  |   |        |   |  |  |  |        |  |  |  |   |        |  |  |   |  |        |  |  |  |   |        |  |  |  |   |
|                                                                                   | .....                                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | .....           |       |           | MANUHARAWATI              |                 |      |       |       |       |       |        |   |  |  |  |        |  |  |   |  |        |  |  |  |   |        |   |  |  |  |        |  |  |  |   |        |  |  |   |  |        |  |  |  |   |        |  |  |  |   |
| Model Pembelajaran                                                                | Case Study                                                                                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                 |       |           |                           |                 |      |       |       |       |       |        |   |  |  |  |        |  |  |   |  |        |  |  |  |   |        |   |  |  |  |        |  |  |  |   |        |  |  |   |  |        |  |  |  |   |        |  |  |  |   |
| Capaian Pembelajaran (CP)                                                         | CPL-PRODI yang dibebankan pada MK                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                 |       |           |                           |                 |      |       |       |       |       |        |   |  |  |  |        |  |  |   |  |        |  |  |  |   |        |   |  |  |  |        |  |  |  |   |        |  |  |   |  |        |  |  |  |   |        |  |  |  |   |
|                                                                                   | CPL-3                                                                                                                            | Mengembangkan pemikiran logis, kritis, sistematis, dan kreatif dalam melakukan pekerjaan yang spesifik di bidang keahliannya serta sesuai dengan standar kompetensi kerja bidang yang bersangkutan                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                 |       |           |                           |                 |      |       |       |       |       |        |   |  |  |  |        |  |  |   |  |        |  |  |  |   |        |   |  |  |  |        |  |  |  |   |        |  |  |   |  |        |  |  |  |   |        |  |  |  |   |
|                                                                                   | CPL-4                                                                                                                            | Mengembangkan diri secara berkelanjutan dan berkolaborasi.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                 |       |           |                           |                 |      |       |       |       |       |        |   |  |  |  |        |  |  |   |  |        |  |  |  |   |        |   |  |  |  |        |  |  |  |   |        |  |  |   |  |        |  |  |  |   |        |  |  |  |   |
|                                                                                   | CPL-5                                                                                                                            | Mampu menguasai secara komprehensif dan mendalam, serta mengembangkan ide-ide matematika sesuai bidang minat keilmuan (analisis, topologi dan geometri, aljabar, kombinatorik, matematika terapan, dan statistika).                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                 |       |           |                           |                 |      |       |       |       |       |        |   |  |  |  |        |  |  |   |  |        |  |  |  |   |        |   |  |  |  |        |  |  |  |   |        |  |  |   |  |        |  |  |  |   |        |  |  |  |   |
|                                                                                   | CPL-7                                                                                                                            | Mampu menyelesaikan masalah kompleks di bidang matematika atau penerapannya, dan mempublikasikan serta mendiskusikan hasilnya secara lisan dan tertulis.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                 |       |           |                           |                 |      |       |       |       |       |        |   |  |  |  |        |  |  |   |  |        |  |  |  |   |        |   |  |  |  |        |  |  |  |   |        |  |  |   |  |        |  |  |  |   |        |  |  |  |   |
|                                                                                   | Capaian Pembelajaran Mata Kuliah (CPMK)                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                 |       |           |                           |                 |      |       |       |       |       |        |   |  |  |  |        |  |  |   |  |        |  |  |  |   |        |   |  |  |  |        |  |  |  |   |        |  |  |   |  |        |  |  |  |   |        |  |  |  |   |
|                                                                                   | CPMK - 1                                                                                                                         | Mampu memahami dan menggunakan konsep dasar graf                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                 |       |           |                           |                 |      |       |       |       |       |        |   |  |  |  |        |  |  |   |  |        |  |  |  |   |        |   |  |  |  |        |  |  |  |   |        |  |  |   |  |        |  |  |  |   |        |  |  |  |   |
|                                                                                   | CPMK - 2                                                                                                                         | Mampu memahami konsep Pohon dan aplikasinya.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                 |       |           |                           |                 |      |       |       |       |       |        |   |  |  |  |        |  |  |   |  |        |  |  |  |   |        |   |  |  |  |        |  |  |  |   |        |  |  |   |  |        |  |  |  |   |        |  |  |  |   |
|                                                                                   | CPMK - 3                                                                                                                         | Mampu memahami konsep lintasan terpendek dan aplikasinya.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                 |       |           |                           |                 |      |       |       |       |       |        |   |  |  |  |        |  |  |   |  |        |  |  |  |   |        |   |  |  |  |        |  |  |  |   |        |  |  |   |  |        |  |  |  |   |        |  |  |  |   |
|                                                                                   | CPMK - 4                                                                                                                         | Mampu memahami konsep konektivitas pada graf                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                 |       |           |                           |                 |      |       |       |       |       |        |   |  |  |  |        |  |  |   |  |        |  |  |  |   |        |   |  |  |  |        |  |  |  |   |        |  |  |   |  |        |  |  |  |   |        |  |  |  |   |
|                                                                                   | CPMK - 5                                                                                                                         | Mampu memahami konsep Graf Euler dan Aplikasinya                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                 |       |           |                           |                 |      |       |       |       |       |        |   |  |  |  |        |  |  |   |  |        |  |  |  |   |        |   |  |  |  |        |  |  |  |   |        |  |  |   |  |        |  |  |  |   |        |  |  |  |   |
|                                                                                   | CPMK - 6                                                                                                                         | Mampu memahami konsep Graf Planar                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                 |       |           |                           |                 |      |       |       |       |       |        |   |  |  |  |        |  |  |   |  |        |  |  |  |   |        |   |  |  |  |        |  |  |  |   |        |  |  |   |  |        |  |  |  |   |        |  |  |  |   |
|                                                                                   | CPMK - 7                                                                                                                         | Mampu memahami konsep Graf Hamiltonian dan Aplikasinya                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                 |       |           |                           |                 |      |       |       |       |       |        |   |  |  |  |        |  |  |   |  |        |  |  |  |   |        |   |  |  |  |        |  |  |  |   |        |  |  |   |  |        |  |  |  |   |        |  |  |  |   |
|                                                                                   | CPMK - 8                                                                                                                         | Mampu memahami konsep Graf Berarah dan aplikasinya                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                 |       |           |                           |                 |      |       |       |       |       |        |   |  |  |  |        |  |  |   |  |        |  |  |  |   |        |   |  |  |  |        |  |  |  |   |        |  |  |   |  |        |  |  |  |   |        |  |  |  |   |
|                                                                                   | Matrik CPL - CPMK                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                 |       |           |                           |                 |      |       |       |       |       |        |   |  |  |  |        |  |  |   |  |        |  |  |  |   |        |   |  |  |  |        |  |  |  |   |        |  |  |   |  |        |  |  |  |   |        |  |  |  |   |
|                                                                                   |                                                                                                                                  | <table border="1"> <thead> <tr> <th>CPMK</th> <th>CPL-3</th> <th>CPL-4</th> <th>CPL-5</th> <th>CPL-7</th> </tr> </thead> <tbody> <tr> <td>CPMK-1</td> <td>✓</td> <td></td> <td></td> <td></td> </tr> <tr> <td>CPMK-2</td> <td></td> <td></td> <td>✓</td> <td></td> </tr> <tr> <td>CPMK-3</td> <td></td> <td></td> <td></td> <td>✓</td> </tr> <tr> <td>CPMK-4</td> <td>✓</td> <td></td> <td></td> <td></td> </tr> <tr> <td>CPMK-5</td> <td></td> <td></td> <td></td> <td>✓</td> </tr> <tr> <td>CPMK-6</td> <td></td> <td></td> <td>✓</td> <td></td> </tr> <tr> <td>CPMK-7</td> <td></td> <td></td> <td></td> <td>✓</td> </tr> <tr> <td>CPMK-8</td> <td></td> <td></td> <td></td> <td>✓</td> </tr> </tbody> </table> |                 |       |           |                           |                 | CPMK | CPL-3 | CPL-4 | CPL-5 | CPL-7 | CPMK-1 | ✓ |  |  |  | CPMK-2 |  |  | ✓ |  | CPMK-3 |  |  |  | ✓ | CPMK-4 | ✓ |  |  |  | CPMK-5 |  |  |  | ✓ | CPMK-6 |  |  | ✓ |  | CPMK-7 |  |  |  | ✓ | CPMK-8 |  |  |  | ✓ |
|                                                                                   | CPMK                                                                                                                             | CPL-3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | CPL-4           | CPL-5 | CPL-7     |                           |                 |      |       |       |       |       |        |   |  |  |  |        |  |  |   |  |        |  |  |  |   |        |   |  |  |  |        |  |  |  |   |        |  |  |   |  |        |  |  |  |   |        |  |  |  |   |
|                                                                                   | CPMK-1                                                                                                                           | ✓                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                 |       |           |                           |                 |      |       |       |       |       |        |   |  |  |  |        |  |  |   |  |        |  |  |  |   |        |   |  |  |  |        |  |  |  |   |        |  |  |   |  |        |  |  |  |   |        |  |  |  |   |
| CPMK-2                                                                            |                                                                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | ✓               |       |           |                           |                 |      |       |       |       |       |        |   |  |  |  |        |  |  |   |  |        |  |  |  |   |        |   |  |  |  |        |  |  |  |   |        |  |  |   |  |        |  |  |  |   |        |  |  |  |   |
| CPMK-3                                                                            |                                                                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                 | ✓     |           |                           |                 |      |       |       |       |       |        |   |  |  |  |        |  |  |   |  |        |  |  |  |   |        |   |  |  |  |        |  |  |  |   |        |  |  |   |  |        |  |  |  |   |        |  |  |  |   |
| CPMK-4                                                                            | ✓                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                 |       |           |                           |                 |      |       |       |       |       |        |   |  |  |  |        |  |  |   |  |        |  |  |  |   |        |   |  |  |  |        |  |  |  |   |        |  |  |   |  |        |  |  |  |   |        |  |  |  |   |
| CPMK-5                                                                            |                                                                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                 | ✓     |           |                           |                 |      |       |       |       |       |        |   |  |  |  |        |  |  |   |  |        |  |  |  |   |        |   |  |  |  |        |  |  |  |   |        |  |  |   |  |        |  |  |  |   |        |  |  |  |   |
| CPMK-6                                                                            |                                                                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | ✓               |       |           |                           |                 |      |       |       |       |       |        |   |  |  |  |        |  |  |   |  |        |  |  |  |   |        |   |  |  |  |        |  |  |  |   |        |  |  |   |  |        |  |  |  |   |        |  |  |  |   |
| CPMK-7                                                                            |                                                                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                 | ✓     |           |                           |                 |      |       |       |       |       |        |   |  |  |  |        |  |  |   |  |        |  |  |  |   |        |   |  |  |  |        |  |  |  |   |        |  |  |   |  |        |  |  |  |   |        |  |  |  |   |
| CPMK-8                                                                            |                                                                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                 | ✓     |           |                           |                 |      |       |       |       |       |        |   |  |  |  |        |  |  |   |  |        |  |  |  |   |        |   |  |  |  |        |  |  |  |   |        |  |  |   |  |        |  |  |  |   |        |  |  |  |   |
| Matrik CPMK pada Kemampuan akhir tiap tahapan belajar (Sub-CPMK)                  |                                                                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                 |       |           |                           |                 |      |       |       |       |       |        |   |  |  |  |        |  |  |   |  |        |  |  |  |   |        |   |  |  |  |        |  |  |  |   |        |  |  |   |  |        |  |  |  |   |        |  |  |  |   |

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|----------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------|----------------------------------------------------------------------------------|-----------------|---------------------------------|---------------------|---|---|----|----|----|----|----|----|----|--|--|--|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|--------|---|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--------|--|--|---|---|--|--|--|--|--|--|--|--|--|--|--|--|--------|--|--|--|--|---|--|--|--|--|--|--|--|--|--|--|--|--------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--------|--|--|--|--|--|---|---|---|--|--|--|--|--|--|--|--|--------|--|--|--|--|--|--|--|--|---|---|--|--|--|--|--|--|--------|--|--|--|--|--|--|--|--|--|--|---|---|--|--|--|--|--------|--|--|--|--|--|--|--|--|--|--|--|--|---|---|---|---|
|                      |                                                                                                                                                                                                                     | <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></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                 | 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               |                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                     |                                                                                  |                 |                                 |                     |   |   |    |    |    | ✓  | ✓  | ✓  | ✓  |  |  |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |        |   |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |        |  |  |   |   |  |  |  |  |  |  |  |  |  |  |  |  |        |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |        |  |  |  |  |  |   |   |   |  |  |  |  |  |  |  |  |        |  |  |  |  |  |  |  |  |   |   |  |  |  |  |  |  |        |  |  |  |  |  |  |  |  |  |  |   |   |  |  |  |  |        |  |  |  |  |  |  |  |  |  |  |  |  |   |   |   |   |
| Deskripsi Singkat MK | Mengkaji konsep dasar dan hasil-hasil pokok teori graf serta mampu menerapkan secara kritis dan kreatif prinsip dan prosedur matematika untuk memecahkan permasalahan matematika.                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                     |                                                                                  |                 |                                 |                     |   |   |    |    |    |    |    |    |    |  |  |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |        |   |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |        |  |  |   |   |  |  |  |  |  |  |  |  |  |  |  |  |        |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |        |  |  |  |  |  |   |   |   |  |  |  |  |  |  |  |  |        |  |  |  |  |  |  |  |  |   |   |  |  |  |  |  |  |        |  |  |  |  |  |  |  |  |  |  |   |   |  |  |  |  |        |  |  |  |  |  |  |  |  |  |  |  |  |   |   |   |   |
| Pustaka              | Utama :                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                     |                                                                                  |                 |                                 |                     |   |   |    |    |    |    |    |    |    |  |  |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |        |   |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |        |  |  |   |   |  |  |  |  |  |  |  |  |  |  |  |  |        |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |        |  |  |  |  |  |   |   |   |  |  |  |  |  |  |  |  |        |  |  |  |  |  |  |  |  |   |   |  |  |  |  |  |  |        |  |  |  |  |  |  |  |  |  |  |   |   |  |  |  |  |        |  |  |  |  |  |  |  |  |  |  |  |  |   |   |   |   |
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|                      | Pendukung :                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                     |                                                                                  |                 |                                 |                     |   |   |    |    |    |    |    |    |    |  |  |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |        |   |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |        |  |  |   |   |  |  |  |  |  |  |  |  |  |  |  |  |        |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |        |  |  |  |  |  |   |   |   |  |  |  |  |  |  |  |  |        |  |  |  |  |  |  |  |  |   |   |  |  |  |  |  |  |        |  |  |  |  |  |  |  |  |  |  |   |   |  |  |  |  |        |  |  |  |  |  |  |  |  |  |  |  |  |   |   |   |   |
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| Dosen Pengampu       | Prof. Drs. I Ketut Budayasa, Ph.D.<br>Dr. Budi Rahadjeng, S.Si., M.Si.                                                                                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                     |                                                                                  |                 |                                 |                     |   |   |    |    |    |    |    |    |    |  |  |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |        |   |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |        |  |  |   |   |  |  |  |  |  |  |  |  |  |  |  |  |        |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |        |  |  |  |  |  |   |   |   |  |  |  |  |  |  |  |  |        |  |  |  |  |  |  |  |  |   |   |  |  |  |  |  |  |        |  |  |  |  |  |  |  |  |  |  |   |   |  |  |  |  |        |  |  |  |  |  |  |  |  |  |  |  |  |   |   |   |   |
| Mg Ke-               | Kemampuan akhir tiap tahapan belajar (Sub-CPMK)                                                                                                                                                                     | Penilaian                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                     | Bantuk Pembelajaran, Metode Pembelajaran, Penugasan Mahasiswa, [ Estimasi Waktu] |                 | Materi Pembelajaran [ Pustaka ] | Bobot Penilaian (%) |   |   |    |    |    |    |    |    |    |  |  |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |        |   |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |        |  |  |   |   |  |  |  |  |  |  |  |  |  |  |  |  |        |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |        |  |  |  |  |  |   |   |   |  |  |  |  |  |  |  |  |        |  |  |  |  |  |  |  |  |   |   |  |  |  |  |  |  |        |  |  |  |  |  |  |  |  |  |  |   |   |  |  |  |  |        |  |  |  |  |  |  |  |  |  |  |  |  |   |   |   |   |
|                      |                                                                                                                                                                                                                     | Indikator                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Kriteria & Bentuk                                                   | Luring (offline)                                                                 | Daring (online) |                                 |                     |   |   |    |    |    |    |    |    |    |  |  |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |        |   |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |        |  |  |   |   |  |  |  |  |  |  |  |  |  |  |  |  |        |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |        |  |  |  |  |  |   |   |   |  |  |  |  |  |  |  |  |        |  |  |  |  |  |  |  |  |   |   |  |  |  |  |  |  |        |  |  |  |  |  |  |  |  |  |  |   |   |  |  |  |  |        |  |  |  |  |  |  |  |  |  |  |  |  |   |   |   |   |
| (1)                  | (2)                                                                                                                                                                                                                 | (3)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | (4)                                                                 | (5)                                                                              | (6)             | (7)                             | (8)                 |   |   |    |    |    |    |    |    |    |  |  |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |        |   |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |        |  |  |   |   |  |  |  |  |  |  |  |  |  |  |  |  |        |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |        |  |  |  |  |  |   |   |   |  |  |  |  |  |  |  |  |        |  |  |  |  |  |  |  |  |   |   |  |  |  |  |  |  |        |  |  |  |  |  |  |  |  |  |  |   |   |  |  |  |  |        |  |  |  |  |  |  |  |  |  |  |  |  |   |   |   |   |
| 1                    |                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Bentuk Penilaian :<br>Aktifitas Partisipasif                        | Diskusi                                                                          |                 |                                 | 4%                  |   |   |    |    |    |    |    |    |    |  |  |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |        |   |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |        |  |  |   |   |  |  |  |  |  |  |  |  |  |  |  |  |        |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |        |  |  |  |  |  |   |   |   |  |  |  |  |  |  |  |  |        |  |  |  |  |  |  |  |  |   |   |  |  |  |  |  |  |        |  |  |  |  |  |  |  |  |  |  |   |   |  |  |  |  |        |  |  |  |  |  |  |  |  |  |  |  |  |   |   |   |   |
| 2                    |                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Bentuk Penilaian :<br>Aktifitas Partisipasif, Praktik / Unjuk Kerja |                                                                                  |                 |                                 | 3%                  |   |   |    |    |    |    |    |    |    |  |  |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |        |   |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |        |  |  |   |   |  |  |  |  |  |  |  |  |  |  |  |  |        |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |        |  |  |  |  |  |   |   |   |  |  |  |  |  |  |  |  |        |  |  |  |  |  |  |  |  |   |   |  |  |  |  |  |  |        |  |  |  |  |  |  |  |  |  |  |   |   |  |  |  |  |        |  |  |  |  |  |  |  |  |  |  |  |  |   |   |   |   |
| 3                    |                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Bentuk Penilaian :<br>Aktifitas Partisipasif, Praktik / Unjuk Kerja |                                                                                  |                 |                                 | 4%                  |   |   |    |    |    |    |    |    |    |  |  |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |        |   |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |        |  |  |   |   |  |  |  |  |  |  |  |  |  |  |  |  |        |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |        |  |  |  |  |  |   |   |   |  |  |  |  |  |  |  |  |        |  |  |  |  |  |  |  |  |   |   |  |  |  |  |  |  |        |  |  |  |  |  |  |  |  |  |  |   |   |  |  |  |  |        |  |  |  |  |  |  |  |  |  |  |  |  |   |   |   |   |
| 4                    |                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Bentuk Penilaian :<br>Aktifitas Partisipasif                        |                                                                                  |                 |                                 | 3%                  |   |   |    |    |    |    |    |    |    |  |  |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |        |   |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |        |  |  |   |   |  |  |  |  |  |  |  |  |  |  |  |  |        |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |        |  |  |  |  |  |   |   |   |  |  |  |  |  |  |  |  |        |  |  |  |  |  |  |  |  |   |   |  |  |  |  |  |  |        |  |  |  |  |  |  |  |  |  |  |   |   |  |  |  |  |        |  |  |  |  |  |  |  |  |  |  |  |  |   |   |   |   |
| 5                    |                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Bentuk Penilaian :<br>Aktifitas Partisipasif                        |                                                                                  |                 |                                 | 4%                  |   |   |    |    |    |    |    |    |    |  |  |  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |        |   |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |        |  |  |   |   |  |  |  |  |  |  |  |  |  |  |  |  |        |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |        |  |  |  |  |  |   |   |   |  |  |  |  |  |  |  |  |        |  |  |  |  |  |  |  |  |   |   |  |  |  |  |  |  |        |  |  |  |  |  |  |  |  |  |  |   |   |  |  |  |  |        |  |  |  |  |  |  |  |  |  |  |  |  |   |   |   |   |

|    |  |  |                                                                                     |  |  |  |     |
|----|--|--|-------------------------------------------------------------------------------------|--|--|--|-----|
| 6  |  |  | <b>Bentuk Penilaian</b><br>:<br>Aktifitas<br>Partisipasif                           |  |  |  | 3%  |
| 7  |  |  | <b>Bentuk Penilaian</b><br>:<br>Aktifitas<br>Partisipasif                           |  |  |  | 4%  |
| 8  |  |  | <b>Bentuk Penilaian</b><br>:<br>Tes                                                 |  |  |  | 20% |
| 9  |  |  | <b>Bentuk Penilaian</b><br>:<br>Aktifitas<br>Partisipasif                           |  |  |  | 4%  |
| 10 |  |  | <b>Bentuk Penilaian</b><br>:<br>Aktifitas<br>Partisipasif                           |  |  |  | 3%  |
| 11 |  |  | <b>Bentuk Penilaian</b><br>:<br>Aktifitas<br>Partisipasif, Praktik<br>/ Unjuk Kerja |  |  |  | 4%  |
| 12 |  |  | <b>Bentuk Penilaian</b><br>:<br>Aktifitas<br>Partisipasif                           |  |  |  | 3%  |
| 13 |  |  | <b>Bentuk Penilaian</b><br>:<br>Aktifitas<br>Partisipasif                           |  |  |  | 4%  |
| 14 |  |  | <b>Bentuk Penilaian</b><br>:<br>Aktifitas<br>Partisipasif                           |  |  |  | 3%  |
| 15 |  |  | <b>Bentuk Penilaian</b><br>:<br>Aktifitas<br>Partisipasif                           |  |  |  | 4%  |
| 16 |  |  | <b>Bentuk Penilaian</b><br>:<br>Tes                                                 |  |  |  | 30% |

**Rekap Persentase Evaluasi : Case Study**

| No | Evaluasi               | Persentase |
|----|------------------------|------------|
| 1. | Aktifitas Partisipasif | 44.5%      |
| 2. | Praktik / Unjuk Kerja  | 5.5%       |
| 3. | Tes                    | 50%        |
|    |                        | 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.