

|  | <div> Universitas Negeri Surabaya<br/> Fakultas Teknik<br/> Program Studi S2 Informatika </div>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                 |       |           |                           | Kode Dokumen   |           |       |       |       |       |       |        |    |    |  |  |  |        |  |   |  |   |   |        |   |   |   |   |   |        |    |    |    |    |    |        |    |        |   |   |   |  |  |  |  |  |  |  |  |  |  |  |  |   |  |        |  |  |   |   |  |  |  |  |  |  |  |  |  |  |  |  |  |        |  |  |  |  |   |   |  |  |  |  |  |  |  |  |  |  |  |        |  |  |  |  |  |  |   |  |   |   |  |  |  |  |  |  |  |        |  |  |  |  |  |  |  |  |  |  |   |   |   |   |  |  |  |
|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|-------|-----------|---------------------------|----------------|-----------|-------|-------|-------|-------|-------|--------|----|----|--|--|--|--------|--|---|--|---|---|--------|---|---|---|---|---|--------|----|----|----|----|----|--------|----|--------|---|---|---|--|--|--|--|--|--|--|--|--|--|--|--|---|--|--------|--|--|---|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--------|--|--|--|--|---|---|--|--|--|--|--|--|--|--|--|--|--|--------|--|--|--|--|--|--|---|--|---|---|--|--|--|--|--|--|--|--------|--|--|--|--|--|--|--|--|--|--|---|---|---|---|--|--|--|
|                                                                                   | <div>RENCANA PEMBELAJARAN SEMESTER</div>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                 |       |           |                           |                |           |       |       |       |       |       |        |    |    |  |  |  |        |  |   |  |   |   |        |   |   |   |   |   |        |    |    |    |    |    |        |    |        |   |   |   |  |  |  |  |  |  |  |  |  |  |  |  |   |  |        |  |  |   |   |  |  |  |  |  |  |  |  |  |  |  |  |  |        |  |  |  |  |   |   |  |  |  |  |  |  |  |  |  |  |  |        |  |  |  |  |  |  |   |  |   |   |  |  |  |  |  |  |  |        |  |  |  |  |  |  |  |  |  |  |   |   |   |   |  |  |  |
| MATA KULIAH (MK)                                                                  | KODE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Rumpun MK                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | BOBOT (sks)     |       |           | SEMESTER                  | Tgl Penyusunan |           |       |       |       |       |       |        |    |    |  |  |  |        |  |   |  |   |   |        |   |   |   |   |   |        |    |    |    |    |    |        |    |        |   |   |   |  |  |  |  |  |  |  |  |  |  |  |  |   |  |        |  |  |   |   |  |  |  |  |  |  |  |  |  |  |  |  |  |        |  |  |  |  |   |   |  |  |  |  |  |  |  |  |  |  |  |        |  |  |  |  |  |  |   |  |   |   |  |  |  |  |  |  |  |        |  |  |  |  |  |  |  |  |  |  |   |   |   |   |  |  |  |
| Pemerintahan Cerdas                                                               | 5510003028                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Mata Kuliah Pilihan Program Studi                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | T=3             | P=0   | ECTS=6.72 | 3                         | 21 April 2025  |           |       |       |       |       |       |        |    |    |  |  |  |        |  |   |  |   |   |        |   |   |   |   |   |        |    |    |    |    |    |        |    |        |   |   |   |  |  |  |  |  |  |  |  |  |  |  |  |   |  |        |  |  |   |   |  |  |  |  |  |  |  |  |  |  |  |  |  |        |  |  |  |  |   |   |  |  |  |  |  |  |  |  |  |  |  |        |  |  |  |  |  |  |   |  |   |   |  |  |  |  |  |  |  |        |  |  |  |  |  |  |  |  |  |  |   |   |   |   |  |  |  |
| OTORISASI                                                                         | Pengembang RPS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Koordinator RMK |       |           | Koordinator Program Studi |                |           |       |       |       |       |       |        |    |    |  |  |  |        |  |   |  |   |   |        |   |   |   |   |   |        |    |    |    |    |    |        |    |        |   |   |   |  |  |  |  |  |  |  |  |  |  |  |  |   |  |        |  |  |   |   |  |  |  |  |  |  |  |  |  |  |  |  |  |        |  |  |  |  |   |   |  |  |  |  |  |  |  |  |  |  |  |        |  |  |  |  |  |  |   |  |   |   |  |  |  |  |  |  |  |        |  |  |  |  |  |  |  |  |  |  |   |   |   |   |  |  |  |
|                                                                                   | Ricky Eka Putra                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Ricky Eka Putra |       |           | RICKY EKA PUTRA           |                |           |       |       |       |       |       |        |    |    |  |  |  |        |  |   |  |   |   |        |   |   |   |   |   |        |    |    |    |    |    |        |    |        |   |   |   |  |  |  |  |  |  |  |  |  |  |  |  |   |  |        |  |  |   |   |  |  |  |  |  |  |  |  |  |  |  |  |  |        |  |  |  |  |   |   |  |  |  |  |  |  |  |  |  |  |  |        |  |  |  |  |  |  |   |  |   |   |  |  |  |  |  |  |  |        |  |  |  |  |  |  |  |  |  |  |   |   |   |   |  |  |  |
| Model Pembelajaran                                                                | Project Based Learning                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                 |       |           |                           |                |           |       |       |       |       |       |        |    |    |  |  |  |        |  |   |  |   |   |        |   |   |   |   |   |        |    |    |    |    |    |        |    |        |   |   |   |  |  |  |  |  |  |  |  |  |  |  |  |   |  |        |  |  |   |   |  |  |  |  |  |  |  |  |  |  |  |  |  |        |  |  |  |  |   |   |  |  |  |  |  |  |  |  |  |  |  |        |  |  |  |  |  |  |   |  |   |   |  |  |  |  |  |  |  |        |  |  |  |  |  |  |  |  |  |  |   |   |   |   |  |  |  |
| Capaian Pembelajaran (CP)                                                         | CPL-PRODI yang dibebankan pada MK                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                 |       |           |                           |                |           |       |       |       |       |       |        |    |    |  |  |  |        |  |   |  |   |   |        |   |   |   |   |   |        |    |    |    |    |    |        |    |        |   |   |   |  |  |  |  |  |  |  |  |  |  |  |  |   |  |        |  |  |   |   |  |  |  |  |  |  |  |  |  |  |  |  |  |        |  |  |  |  |   |   |  |  |  |  |  |  |  |  |  |  |  |        |  |  |  |  |  |  |   |  |   |   |  |  |  |  |  |  |  |        |  |  |  |  |  |  |  |  |  |  |   |   |   |   |  |  |  |
|                                                                                   | CPL-1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Mampu menunjukkan nilai-nilai agama, kebangsaan dan budaya nasional, serta etika akademik dalam melaksanakan tugasnya                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                 |       |           |                           |                |           |       |       |       |       |       |        |    |    |  |  |  |        |  |   |  |   |   |        |   |   |   |   |   |        |    |    |    |    |    |        |    |        |   |   |   |  |  |  |  |  |  |  |  |  |  |  |  |   |  |        |  |  |   |   |  |  |  |  |  |  |  |  |  |  |  |  |  |        |  |  |  |  |   |   |  |  |  |  |  |  |  |  |  |  |  |        |  |  |  |  |  |  |   |  |   |   |  |  |  |  |  |  |  |        |  |  |  |  |  |  |  |  |  |  |   |   |   |   |  |  |  |
|                                                                                   | CPL-2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Menunjukkan karakter tangguh, kolaboratif, adaptif, inovatif, inklusif, belajar sepanjang hayat, dan berjiwa kewirausahaan                                                                                                                                                                                                                                                                                                                                                                                                                                              |                 |       |           |                           |                |           |       |       |       |       |       |        |    |    |  |  |  |        |  |   |  |   |   |        |   |   |   |   |   |        |    |    |    |    |    |        |    |        |   |   |   |  |  |  |  |  |  |  |  |  |  |  |  |   |  |        |  |  |   |   |  |  |  |  |  |  |  |  |  |  |  |  |  |        |  |  |  |  |   |   |  |  |  |  |  |  |  |  |  |  |  |        |  |  |  |  |  |  |   |  |   |   |  |  |  |  |  |  |  |        |  |  |  |  |  |  |  |  |  |  |   |   |   |   |  |  |  |
|                                                                                   | CPL-5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Menguasai dan mengaplikasikan teori-teori, konsep, prinsip, dan teknologi terkini dalam bidang Teknik Informatika, termasuk Data Sains, Kecerdasan Artifisial, Jaringan Cerdas, Rekayasa Perangkat Lunak, serta Sistem dan Teknologi Informasi untuk mengembangkan ilmu pengetahuan dan teknologi melalui riset dan penciptaan karya inovatif.                                                                                                                                                                                                                          |                 |       |           |                           |                |           |       |       |       |       |       |        |    |    |  |  |  |        |  |   |  |   |   |        |   |   |   |   |   |        |    |    |    |    |    |        |    |        |   |   |   |  |  |  |  |  |  |  |  |  |  |  |  |   |  |        |  |  |   |   |  |  |  |  |  |  |  |  |  |  |  |  |  |        |  |  |  |  |   |   |  |  |  |  |  |  |  |  |  |  |  |        |  |  |  |  |  |  |   |  |   |   |  |  |  |  |  |  |  |        |  |  |  |  |  |  |  |  |  |  |   |   |   |   |  |  |  |
|                                                                                   | CPL-7                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Menganalisis kebutuhan dan menyelesaikan masalah yang kompleks dalam berbagai bidang Teknik Informatika, menggunakan metode analitis dan pendekatan ilmiah.                                                                                                                                                                                                                                                                                                                                                                                                             |                 |       |           |                           |                |           |       |       |       |       |       |        |    |    |  |  |  |        |  |   |  |   |   |        |   |   |   |   |   |        |    |    |    |    |    |        |    |        |   |   |   |  |  |  |  |  |  |  |  |  |  |  |  |   |  |        |  |  |   |   |  |  |  |  |  |  |  |  |  |  |  |  |  |        |  |  |  |  |   |   |  |  |  |  |  |  |  |  |  |  |  |        |  |  |  |  |  |  |   |  |   |   |  |  |  |  |  |  |  |        |  |  |  |  |  |  |  |  |  |  |   |   |   |   |  |  |  |
|                                                                                   | CPL-9                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Mengembangkan solusi inovatif untuk meningkatkan efisiensi dan efektivitas organisasi dengan memanfaatkan teknologi informasi terbaru.                                                                                                                                                                                                                                                                                                                                                                                                                                  |                 |       |           |                           |                |           |       |       |       |       |       |        |    |    |  |  |  |        |  |   |  |   |   |        |   |   |   |   |   |        |    |    |    |    |    |        |    |        |   |   |   |  |  |  |  |  |  |  |  |  |  |  |  |   |  |        |  |  |   |   |  |  |  |  |  |  |  |  |  |  |  |  |  |        |  |  |  |  |   |   |  |  |  |  |  |  |  |  |  |  |  |        |  |  |  |  |  |  |   |  |   |   |  |  |  |  |  |  |  |        |  |  |  |  |  |  |  |  |  |  |   |   |   |   |  |  |  |
|                                                                                   | Capaian Pembelajaran Mata Kuliah (CPMK)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                 |       |           |                           |                |           |       |       |       |       |       |        |    |    |  |  |  |        |  |   |  |   |   |        |   |   |   |   |   |        |    |    |    |    |    |        |    |        |   |   |   |  |  |  |  |  |  |  |  |  |  |  |  |   |  |        |  |  |   |   |  |  |  |  |  |  |  |  |  |  |  |  |  |        |  |  |  |  |   |   |  |  |  |  |  |  |  |  |  |  |  |        |  |  |  |  |  |  |   |  |   |   |  |  |  |  |  |  |  |        |  |  |  |  |  |  |  |  |  |  |   |   |   |   |  |  |  |
|                                                                                   | CPMK - 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Mahasiswa mampu menunjukkan etika akademik, nilai-nilai kebangsaan, dan karakter profesional dalam implementasi sistem pemerintahan cerdas.                                                                                                                                                                                                                                                                                                                                                                                                                             |                 |       |           |                           |                |           |       |       |       |       |       |        |    |    |  |  |  |        |  |   |  |   |   |        |   |   |   |   |   |        |    |    |    |    |    |        |    |        |   |   |   |  |  |  |  |  |  |  |  |  |  |  |  |   |  |        |  |  |   |   |  |  |  |  |  |  |  |  |  |  |  |  |  |        |  |  |  |  |   |   |  |  |  |  |  |  |  |  |  |  |  |        |  |  |  |  |  |  |   |  |   |   |  |  |  |  |  |  |  |        |  |  |  |  |  |  |  |  |  |  |   |   |   |   |  |  |  |
|                                                                                   | CPMK - 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Mahasiswa mampu mengembangkan karakter adaptif dan kolaboratif dalam merancang inovasi layanan publik berbasis teknologi informasi.                                                                                                                                                                                                                                                                                                                                                                                                                                     |                 |       |           |                           |                |           |       |       |       |       |       |        |    |    |  |  |  |        |  |   |  |   |   |        |   |   |   |   |   |        |    |    |    |    |    |        |    |        |   |   |   |  |  |  |  |  |  |  |  |  |  |  |  |   |  |        |  |  |   |   |  |  |  |  |  |  |  |  |  |  |  |  |  |        |  |  |  |  |   |   |  |  |  |  |  |  |  |  |  |  |  |        |  |  |  |  |  |  |   |  |   |   |  |  |  |  |  |  |  |        |  |  |  |  |  |  |  |  |  |  |   |   |   |   |  |  |  |
|                                                                                   | CPMK - 3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Mahasiswa mampu menguasai teori, konsep, dan arsitektur sistem dalam konteks e-Government dan Smart City.                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                 |       |           |                           |                |           |       |       |       |       |       |        |    |    |  |  |  |        |  |   |  |   |   |        |   |   |   |   |   |        |    |    |    |    |    |        |    |        |   |   |   |  |  |  |  |  |  |  |  |  |  |  |  |   |  |        |  |  |   |   |  |  |  |  |  |  |  |  |  |  |  |  |  |        |  |  |  |  |   |   |  |  |  |  |  |  |  |  |  |  |  |        |  |  |  |  |  |  |   |  |   |   |  |  |  |  |  |  |  |        |  |  |  |  |  |  |  |  |  |  |   |   |   |   |  |  |  |
|                                                                                   | CPMK - 4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Mahasiswa mampu menganalisis dan menyelesaikan permasalahan dalam sistem pemerintahan digital dengan pendekatan ilmiah dan berbasis data.                                                                                                                                                                                                                                                                                                                                                                                                                               |                 |       |           |                           |                |           |       |       |       |       |       |        |    |    |  |  |  |        |  |   |  |   |   |        |   |   |   |   |   |        |    |    |    |    |    |        |    |        |   |   |   |  |  |  |  |  |  |  |  |  |  |  |  |   |  |        |  |  |   |   |  |  |  |  |  |  |  |  |  |  |  |  |  |        |  |  |  |  |   |   |  |  |  |  |  |  |  |  |  |  |  |        |  |  |  |  |  |  |   |  |   |   |  |  |  |  |  |  |  |        |  |  |  |  |  |  |  |  |  |  |   |   |   |   |  |  |  |
|                                                                                   | CPMK - 5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Mahasiswa mampu merancang solusi inovatif dalam tata kelola pemerintahan berbasis teknologi informasi.                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                 |       |           |                           |                |           |       |       |       |       |       |        |    |    |  |  |  |        |  |   |  |   |   |        |   |   |   |   |   |        |    |    |    |    |    |        |    |        |   |   |   |  |  |  |  |  |  |  |  |  |  |  |  |   |  |        |  |  |   |   |  |  |  |  |  |  |  |  |  |  |  |  |  |        |  |  |  |  |   |   |  |  |  |  |  |  |  |  |  |  |  |        |  |  |  |  |  |  |   |  |   |   |  |  |  |  |  |  |  |        |  |  |  |  |  |  |  |  |  |  |   |   |   |   |  |  |  |
|                                                                                   | Matrik CPL - CPMK                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                 |       |           |                           |                |           |       |       |       |       |       |        |    |    |  |  |  |        |  |   |  |   |   |        |   |   |   |   |   |        |    |    |    |    |    |        |    |        |   |   |   |  |  |  |  |  |  |  |  |  |  |  |  |   |  |        |  |  |   |   |  |  |  |  |  |  |  |  |  |  |  |  |  |        |  |  |  |  |   |   |  |  |  |  |  |  |  |  |  |  |  |        |  |  |  |  |  |  |   |  |   |   |  |  |  |  |  |  |  |        |  |  |  |  |  |  |  |  |  |  |   |   |   |   |  |  |  |
|                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | <table border="1"> <thead> <tr> <th>CPMK</th> <th>CPL-1</th> <th>CPL-2</th> <th>CPL-5</th> <th>CPL-7</th> <th>CPL-9</th> </tr> </thead> <tbody> <tr> <td>CPMK-1</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> </tr> <tr> <td>CPMK-3</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> </tr> <tr> <td>CPMK-5</td> <td></td> <td></td> <td></td> <td></td> <td>✓</td> </tr> </tbody> </table> |                 |       |           |                           |                | CPMK      | CPL-1 | CPL-2 | CPL-5 | CPL-7 | CPL-9 | CPMK-1 | ✓  |    |  |  |  | CPMK-2 |  | ✓ |  |   |   | CPMK-3 |   |   | ✓ |   |   | CPMK-4 |    |    |    | ✓  |    | CPMK-5 |    |        |   |   | ✓ |  |  |  |  |  |  |  |  |  |  |  |  |   |  |        |  |  |   |   |  |  |  |  |  |  |  |  |  |  |  |  |  |        |  |  |  |  |   |   |  |  |  |  |  |  |  |  |  |  |  |        |  |  |  |  |  |  |   |  |   |   |  |  |  |  |  |  |  |        |  |  |  |  |  |  |  |  |  |  |   |   |   |   |  |  |  |
|                                                                                   | CPMK                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | CPL-1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | CPL-2           | CPL-5 | CPL-7     | CPL-9                     |                |           |       |       |       |       |       |        |    |    |  |  |  |        |  |   |  |   |   |        |   |   |   |   |   |        |    |    |    |    |    |        |    |        |   |   |   |  |  |  |  |  |  |  |  |  |  |  |  |   |  |        |  |  |   |   |  |  |  |  |  |  |  |  |  |  |  |  |  |        |  |  |  |  |   |   |  |  |  |  |  |  |  |  |  |  |  |        |  |  |  |  |  |  |   |  |   |   |  |  |  |  |  |  |  |        |  |  |  |  |  |  |  |  |  |  |   |   |   |   |  |  |  |
|                                                                                   | CPMK-1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | ✓                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                 |       |           |                           |                |           |       |       |       |       |       |        |    |    |  |  |  |        |  |   |  |   |   |        |   |   |   |   |   |        |    |    |    |    |    |        |    |        |   |   |   |  |  |  |  |  |  |  |  |  |  |  |  |   |  |        |  |  |   |   |  |  |  |  |  |  |  |  |  |  |  |  |  |        |  |  |  |  |   |   |  |  |  |  |  |  |  |  |  |  |  |        |  |  |  |  |  |  |   |  |   |   |  |  |  |  |  |  |  |        |  |  |  |  |  |  |  |  |  |  |   |   |   |   |  |  |  |
|                                                                                   | CPMK-2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | ✓               |       |           |                           |                |           |       |       |       |       |       |        |    |    |  |  |  |        |  |   |  |   |   |        |   |   |   |   |   |        |    |    |    |    |    |        |    |        |   |   |   |  |  |  |  |  |  |  |  |  |  |  |  |   |  |        |  |  |   |   |  |  |  |  |  |  |  |  |  |  |  |  |  |        |  |  |  |  |   |   |  |  |  |  |  |  |  |  |  |  |  |        |  |  |  |  |  |  |   |  |   |   |  |  |  |  |  |  |  |        |  |  |  |  |  |  |  |  |  |  |   |   |   |   |  |  |  |
|                                                                                   | CPMK-3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                 | ✓     |           |                           |                |           |       |       |       |       |       |        |    |    |  |  |  |        |  |   |  |   |   |        |   |   |   |   |   |        |    |    |    |    |    |        |    |        |   |   |   |  |  |  |  |  |  |  |  |  |  |  |  |   |  |        |  |  |   |   |  |  |  |  |  |  |  |  |  |  |  |  |  |        |  |  |  |  |   |   |  |  |  |  |  |  |  |  |  |  |  |        |  |  |  |  |  |  |   |  |   |   |  |  |  |  |  |  |  |        |  |  |  |  |  |  |  |  |  |  |   |   |   |   |  |  |  |
|                                                                                   | CPMK-4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                 |       | ✓         |                           |                |           |       |       |       |       |       |        |    |    |  |  |  |        |  |   |  |   |   |        |   |   |   |   |   |        |    |    |    |    |    |        |    |        |   |   |   |  |  |  |  |  |  |  |  |  |  |  |  |   |  |        |  |  |   |   |  |  |  |  |  |  |  |  |  |  |  |  |  |        |  |  |  |  |   |   |  |  |  |  |  |  |  |  |  |  |  |        |  |  |  |  |  |  |   |  |   |   |  |  |  |  |  |  |  |        |  |  |  |  |  |  |  |  |  |  |   |   |   |   |  |  |  |
|                                                                                   | CPMK-5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                 |       |           | ✓                         |                |           |       |       |       |       |       |        |    |    |  |  |  |        |  |   |  |   |   |        |   |   |   |   |   |        |    |    |    |    |    |        |    |        |   |   |   |  |  |  |  |  |  |  |  |  |  |  |  |   |  |        |  |  |   |   |  |  |  |  |  |  |  |  |  |  |  |  |  |        |  |  |  |  |   |   |  |  |  |  |  |  |  |  |  |  |  |        |  |  |  |  |  |  |   |  |   |   |  |  |  |  |  |  |  |        |  |  |  |  |  |  |  |  |  |  |   |   |   |   |  |  |  |
| Matrik CPMK pada Kemampuan akhir tiap tahapan belajar (Sub-CPMK)                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                 |       |           |                           |                |           |       |       |       |       |       |        |    |    |  |  |  |        |  |   |  |   |   |        |   |   |   |   |   |        |    |    |    |    |    |        |    |        |   |   |   |  |  |  |  |  |  |  |  |  |  |  |  |   |  |        |  |  |   |   |  |  |  |  |  |  |  |  |  |  |  |  |  |        |  |  |  |  |   |   |  |  |  |  |  |  |  |  |  |  |  |        |  |  |  |  |  |  |   |  |   |   |  |  |  |  |  |  |  |        |  |  |  |  |  |  |  |  |  |  |   |   |   |   |  |  |  |
|                                                                                   | <table border="1"> <thead> <tr> <th rowspan="2">CPMK</th> <th colspan="16">Minggu Ke</th> </tr> <tr> <th>1</th> <th>2</th> <th>3</th> <th>4</th> <th>5</th> <th>6</th> <th>7</th> <th>8</th> <th>9</th> <th>10</th> <th>11</th> <th>12</th> <th>13</th> <th>14</th> <th>15</th> <th>16</th> </tr> </thead> <tbody> <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> <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> <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> <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> <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> <td></td> </tr> </tbody> </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                                                                              | 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                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                 |       |           |                           |                |           |       |       | ✓     | ✓     | ✓     | ✓      |    |    |  |  |  |        |  |   |  |   |   |        |   |   |   |   |   |        |    |    |    |    |    |        |    |        |   |   |   |  |  |  |  |  |  |  |  |  |  |  |  |   |  |        |  |  |   |   |  |  |  |  |  |  |  |  |  |  |  |  |  |        |  |  |  |  |   |   |  |  |  |  |  |  |  |  |  |  |  |        |  |  |  |  |  |  |   |  |   |   |  |  |  |  |  |  |  |        |  |  |  |  |  |  |  |  |  |  |   |   |   |   |  |  |  |

| <b>Deskripsi Singkat MK</b> |                                                                                        | Mata kuliah Pemerintahan Cerdas pada jenjang S2 program studi Informatika bertujuan untuk memberikan pemahaman mendalam tentang konsep, prinsip, dan implementasi teknologi informasi dan komunikasi (TIK) dalam tata kelola pemerintahan modern. Fokus utama mata kuliah ini adalah pada integrasi TIK untuk meningkatkan transparansi, efisiensi, partisipasi publik, serta pengambilan keputusan yang berbasis data dalam konteks pemerintahan pusat maupun daerah. Mahasiswa akan mempelajari kebijakan, arsitektur sistem pemerintahan digital, keamanan data, interoperabilitas sistem, dan penggunaan teknologi seperti big data, IoT, dan AI dalam mendukung tata kelola pemerintahan yang cerdas dan inklusif. Mata kuliah ini juga menekankan pada studi kasus nasional dan global untuk memahami praktik terbaik dalam e-Government dan Smart Governance. |                                                                                                                                                                |                                                                                  |                                              |                                                                                                                                                                                                                                                                                           |                     |
|-----------------------------|----------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------|----------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|
| <b>Pustaka</b>              |                                                                                        | <b>Utama :</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                                                                                |                                                                                  |                                              |                                                                                                                                                                                                                                                                                           |                     |
|                             |                                                                                        | 1. Janssen, M., Charalabidis, Y., & Zuiderwijk, A. (2017). <i>Innovating Government: Open and Collaborative Approaches to Digital Governance</i> . Springer.<br>2. Anthopoulos, L. (2017). <i>Understanding Smart Cities: A Tool for Smart Government or an Industrial Trick?</i> . Springer.<br>3. Scholl, H.J. (2020). <i>E-Government: Information, Technology, and Transformation</i> . Routledge.<br>4. Nam, T., & Pardo, T.A. (2011). <i>Smart City as Urban Innovation: Focusing on Management, Policy, and Context</i> . <i>Proceedings of the 5th International Conference on Theory and Practice of Electronic Governance</i> .<br>5. Dawes, S.S. (2009). <i>Governance in the Information Age: A Research Agenda for Public Administration</i> . <i>Public Administration Review</i> .                                                                    |                                                                                                                                                                |                                                                                  |                                              |                                                                                                                                                                                                                                                                                           |                     |
|                             |                                                                                        | <b>Pendukung :</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                |                                                                                  |                                              |                                                                                                                                                                                                                                                                                           |                     |
| <b>Dosen Pengampu</b>       |                                                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                |                                                                                  |                                              |                                                                                                                                                                                                                                                                                           |                     |
| Mg Ke-                      | Kemampuan akhir tiap tahapan belajar (Sub-CPMK)                                        | Penilaian                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                | Bantuan 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                           | Menjelaskan nilai-nilai etika dan kebangsaan dalam konteks pemerintahan cerdas         | Partisipasi, ketepatan pemahaman                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | <b>Kriteria:</b><br>Keaktifan dan akurasi dalam diskusi<br><br><b>Bentuk Penilaian :</b><br>Aktifitas Partisipatif, Penilaian Hasil Project / Penilaian Produk | Ceramah dan Diskusi<br>2 x 50                                                    | Diskusi Daring dan Studi Literatur<br>1 x 50 | <b>Materi:</b><br>Introduction to Smart Governance<br><b>Pustaka:</b><br>Janssen, M., Charalabidis, Y., & Zuiderwijk, A. (2017). <i>Innovating Government: Open and Collaborative Approaches to Digital Governance</i> . Springer.                                                        | 5%                  |
| 2                           | Menerapkan prinsip profesionalisme dan etika akademik pada sistem pemerintahan digital | Kesesuaian analisis studi kasus                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | <b>Kriteria:</b><br>Ketepatan penerapan prinsip etika akademik<br><br><b>Bentuk Penilaian :</b><br>Penilaian Hasil Project / Penilaian Produk                  | Studi Kasus dan Diskusi<br>2 x 50                                                | Forum Diskusi dan Refleksi Video<br>1 x 50   | <b>Materi:</b> Ethics in Smart Governance<br><b>Pustaka:</b> Nam, T., & Pardo, T.A. (2011). <i>Smart City as Urban Innovation: Focusing on Management, Policy, and Context</i> . <i>Proceedings of the 5th International Conference on Theory and Practice of Electronic Governance</i> . | 5%                  |

|   |                                                                                      |                                                          |                                                                                                                                               |                                            |                                               |                                                                                                                                                                                                                                          |     |
|---|--------------------------------------------------------------------------------------|----------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------|-----------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|
| 3 | Berkolaborasi dalam merancang inovasi pelayanan publik berbasis TIK                  | Keaktifan kerja tim dan hasil desain kolaboratif         | <b>Kriteria:</b><br>Kualitas kerjasama dan keluaran desain<br><br><b>Bentuk Penilaian :</b><br>Penilaian Hasil Project / Penilaian Produk     | Diskusi Kelompok dan Simulasi<br>2 x 50    | Kolaborasi Daring<br>1 x 50                   | <b>Materi:</b><br>Collaborative Innovation in Government<br><b>Pustaka:</b><br>Janssen, M., Charalabidis, Y., & Zuiderwijk, A. (2017). <i>Innovating Government: Open and Collaborative Approaches to Digital Governance</i> . Springer. | 5%  |
| 4 | Mengembangkan solusi inovatif dalam sistem layanan publik yang adaptif dan responsif | Orisinalitas dan relevansi solusi                        | <b>Kriteria:</b><br>Kreativitas dan ketepatan terhadap masalah<br><br><b>Bentuk Penilaian :</b><br>Penilaian Hasil Project / Penilaian Produk | Problem Based Learning<br>2 x 50           | Desain Solusi Bersama<br>1 x 50               | <b>Materi:</b> Smart Public Service Systems<br><b>Pustaka:</b><br>Anthopoulos, L. (2017). <i>Understanding Smart Cities: A Tool for Smart Government or an Industrial Trick?</i> . Springer.                                             | 5%  |
| 5 | Menjelaskan arsitektur e-Government dan Smart City                                   | Kemampuan mendeskripsikan dan menyusun arsitektur sistem | <b>Kriteria:</b><br>Ketepatan dan kelengkapan<br><br><b>Bentuk Penilaian :</b><br>Aktifitas Partisipatif                                      | Ceramah dan Visualisasi Skema<br>2 x 50    | Presentasi Video<br>1 x 50                    | <b>Materi:</b> E-Government Architecture and Strategy<br><b>Pustaka:</b><br>Scholl, H.J. (2020). <i>E-Government: Information, Technology, and Transformation</i> . Routledge.                                                           | 5%  |
| 6 | Mengkaji konsep big data dan interoperabilitas dalam tata kelola pemerintahan        | Kedalaman analisis data dan relevansinya                 | <b>Kriteria:</b><br>Kejelasan hubungan konsep dan implementasi<br><br><b>Bentuk Penilaian :</b><br>Penilaian Portofolio                       | Diskusi Kritis dan Studi Artikel<br>2 x 50 | Kajian Literatur dan Tugas Refleksi<br>1 x 50 | <b>Materi:</b> Data-driven Governance<br><b>Pustaka:</b><br>Janssen, M., Charalabidis, Y., & Zuiderwijk, A. (2017). <i>Innovating Government: Open and Collaborative Approaches to Digital Governance</i> . Springer.                    | 5%  |
| 7 | Menganalisis permasalahan sistem pemerintahan digital menggunakan pendekatan ilmiah  | Ketepatan identifikasi masalah                           | <b>Kriteria:</b><br>Analisis logis dan sistematis<br><br><b>Bentuk Penilaian :</b><br>Penilaian Portofolio                                    | Diskusi Studi Kasus<br>2 x 50              | Forum Analitis Daring<br>1 x 50               | <b>Materi:</b><br>Scientific Methods in Government Systems<br><b>Pustaka:</b><br>Dawes, S.S. (2009). <i>Governance in the Information Age: A Research Agenda for Public Administration</i> . Public Administration Review.               | 5%  |
| 8 | Mampu menjelaskan                                                                    |                                                          | <b>Kriteria:</b>                                                                                                                              | Menyelesaikan                              |                                               | <b>Materi:</b> Materi-                                                                                                                                                                                                                   | 15% |

|  |                                                            |                                                                                                                                         |                                                                                                                           |                                  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|--|------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------|----------------------------------|--|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  | dengan lebih baik materi-materi dari minggu ke-1 s.d. ke-7 | <p>1.Menerapkan konsep yang telah dipelajari</p> <p>2.Mengalisis dan memecahkan masalah</p> <p>3.Menjawab soal esai dan studi kasus</p> | <p>1.Kedalaman jawaban</p> <p>2.Kejelasan analisis</p> <p>3.Ketepatan solusi</p> <p><b>Bentuk Penilaian :</b><br/>Tes</p> | soal ujian Sub-Sumatif<br>3 x 50 |  | <p>materi dari minggu ke-1 s.d. ke-7</p> <p><b>Pustaka:</b><br/><i>Janssen, M., Charalabidis, Y., &amp; Zuiderwijk, A. (2017). Innovating Government: Open and Collaborative Approaches to Digital Governance. Springer.</i></p> <p><b>Materi:</b> Materi-materi dari minggu ke-1 s.d. ke-7</p> <p><b>Pustaka:</b><br/><i>Anthopoulos, L. (2017). Understanding Smart Cities: A Tool for Smart Government or an Industrial Trick?. Springer.</i></p> <p><b>Materi:</b> Materi-materi dari minggu ke-1 s.d. ke-7</p> <p><b>Pustaka:</b><br/><i>Scholl, H.J. (2020). E-Government: Information, Technology, and Transformation. Routledge.</i></p> <p><b>Materi:</b> Materi-materi dari minggu ke-1 s.d. ke-7</p> <p><b>Pustaka:</b> <i>Nam, T., &amp; Pardo, T.A. (2011). Smart City as Urban Innovation: Focusing on Management, Policy, and Context. Proceedings of the 5th International Conference on Theory and Practice of Electronic Governance.</i></p> <p><b>Materi:</b> Materi-materi dari minggu ke-1 s.d. ke-7</p> <p><b>Pustaka:</b><br/><i>Dawes, S.S. (2009). Governance in the Information Age: A Research Agenda for Public</i></p> |
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|----|-------------------------------------------------------------------------------------------------|--------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------|-------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|
|    |                                                                                                 |                                            |                                                                                                                                          |                                   |                                     | Administration. Public Administration Review.                                                                                                                                                                                                 |    |
| 9  | Merancang pemodelan solusi berbasis data untuk perbaikan layanan pemerintahan                   | Struktur dan kelengkapan model solusi      | <b>Kriteria:</b><br>Relevansi dan inovasi<br><br><b>Bentuk Penilaian :</b><br>Penilaian Hasil Project / Penilaian Produk                 | Simulasi dan Presentasi<br>2 x 50 | Workshop Daring<br>1 x 50           | <b>Materi:</b> Data-centric Smart Governance<br><b>Pustaka:</b><br><i>Anthopoulos, L. (2017). Understanding Smart Cities: A Tool for Smart Government or an Industrial Trick?. Springer.</i>                                                  | 5% |
| 10 | Mengevaluasi penggunaan teknologi informasi untuk mendukung proses pengambilan keputusan publik | Kemampuan menilai peran teknologi          | <b>Kriteria:</b><br>Argumentasi dan bukti validitas<br><br><b>Bentuk Penilaian :</b><br>Penilaian Hasil Project / Penilaian Produk       | Diskusi Reflektif<br>2 x 50       | Video Analisis<br>1 x 50            | <b>Materi:</b><br>Decision Making in e-Government<br><b>Pustaka:</b><br><i>Scholl, H.J. (2020). E-Government: Information, Technology, and Transformation. Routledge.</i>                                                                     | 5% |
| 11 | Menyusun rekomendasi strategis berbasis TIK untuk transformasi digital pemerintah               | Relevansi dan kelayakan strategi           | <b>Kriteria:</b><br>Ketajaman analisis dan rekomendasi<br><br><b>Bentuk Penilaian :</b><br>Penilaian Hasil Project / Penilaian Produk    | Problem-based Task<br>2 x 50      | Google Docs Kolaboratif<br>1 x 50   | <b>Materi:</b><br>Strategies for Smart Governance<br><b>Pustaka:</b><br><i>Janssen, M., Charalabidis, Y., &amp; Zuiderwijk, A. (2017). Innovating Government: Open and Collaborative Approaches to Digital Governance. Springer.</i>          | 5% |
| 12 | Mengintegrasikan teknologi inovatif dalam proyek transformasi digital pemerintahan              | Inovasi dan kelengkapan implementasi       | <b>Kriteria:</b><br>Orisinalitas solusi<br><br><b>Bentuk Penilaian :</b><br>Penilaian Hasil Project / Penilaian Produk                   | Workshop Desain Proyek<br>2 x 50  | Tool Simulasi Prototyping<br>1 x 50 | <b>Materi:</b><br>Emerging Technologies in Government<br><b>Pustaka:</b><br><i>Anthopoulos, L. (2017). Understanding Smart Cities: A Tool for Smart Government or an Industrial Trick?. Springer.</i>                                         | 5% |
| 13 | Mempresentasikan hasil proyek pemerintahan cerdas berbasis studi kasus nyata                    | Kesesuaian solusi dengan studi kasus nyata | <b>Kriteria:</b><br>Kejelasan penyampaian dan argumentasi<br><br><b>Bentuk Penilaian :</b><br>Penilaian Hasil Project / Penilaian Produk | Presentasi Kelompok<br>2 x 50     | Video pitch<br>1 x 50               | <b>Materi:</b> Proyek Pemerintahan Cerdas Berbasis Studi Kasus Nyata<br><b>Pustaka:</b><br><i>Janssen, M., Charalabidis, Y., &amp; Zuiderwijk, A. (2017). Innovating Government: Open and Collaborative Approaches to Digital Governance.</i> | 5% |

|    |                                                              |                               |                                                                                                                                 |                                  |                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |    |
|----|--------------------------------------------------------------|-------------------------------|---------------------------------------------------------------------------------------------------------------------------------|----------------------------------|--------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|
|    |                                                              |                               |                                                                                                                                 |                                  |                                      | <p>Springer.</p> <p><b>Materi:</b> Proyek Pemerintahan Cerdas Berbasis Studi Kasus Nyata</p> <p><b>Pustaka:</b> Anthopoulos, L. (2017). <i>Understanding Smart Cities: A Tool for Smart Government or an Industrial Trick?</i>. Springer.</p> <p><b>Materi:</b> Proyek Pemerintahan Cerdas Berbasis Studi Kasus Nyata</p> <p><b>Pustaka:</b> Scholl, H.J. (2020). <i>E-Government: Information, Technology, and Transformation</i>. Routledge.</p> <p><b>Materi:</b> Proyek Pemerintahan Cerdas Berbasis Studi Kasus Nyata</p> <p><b>Pustaka:</b> Nam, T., &amp; Pardo, T.A. (2011). <i>Smart City as Urban Innovation: Focusing on Management, Policy, and Context. Proceedings of the 5th International Conference on Theory and Practice of Electronic Governance</i>.</p> <p><b>Materi:</b> Proyek Pemerintahan Cerdas Berbasis Studi Kasus Nyata</p> <p><b>Pustaka:</b> Dawes, S.S. (2009). <i>Governance in the Information Age: A Research Agenda for Public Administration. Public Administration Review</i>.</p> |    |
| 14 | Menyusun laporan akademik proyek inovasi pemerintahan cerdas | Struktur dan kerapian laporan | <p><b>Kriteria:</b> Kepatuhan terhadap format akademik</p> <p><b>Bentuk Penilaian :</b> Penilaian Hasil Project / Penilaian</p> | Diskusi Revisi Laporan<br>2 x 50 | Editing Daring Kolaboratif<br>1 x 50 | <p><b>Materi:</b> Laporan Akademik Proyek Inovasi Pemerintahan Cerdas</p> <p><b>Pustaka:</b> Janssen, M.,</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 5% |

|  |  |  |  |        |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|--|--|--|--|--------|--|--|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  |  |  |  | Produk |  |  | <p>Charalabidis, Y., &amp; Zuiderwijk, A. (2017). <i>Innovating Government: Open and Collaborative Approaches to Digital Governance</i>. Springer.</p> <hr/> <p><b>Materi:</b><br/>Laporan Akademik<br/>Proyek Inovasi Pemerintahan Cerdas</p> <p><b>Pustaka:</b><br/>Anthopoulos, L. (2017). <i>Understanding Smart Cities: A Tool for Smart Government or an Industrial Trick?</i>. Springer.</p> <hr/> <p><b>Materi:</b><br/>Laporan Akademik<br/>Proyek Inovasi Pemerintahan Cerdas</p> <p><b>Pustaka:</b><br/>Scholl, H.J. (2020). <i>E-Government: Information, Technology, and Transformation</i>. Routledge.</p> <hr/> <p><b>Materi:</b><br/>Laporan Akademik<br/>Proyek Inovasi Pemerintahan Cerdas</p> <p><b>Pustaka:</b> Nam, T., &amp; Pardo, T.A. (2011). <i>Smart City as Urban Innovation: Focusing on Management, Policy, and Context. Proceedings of the 5th International Conference on Theory and Practice of Electronic Governance</i>.</p> <hr/> <p><b>Materi:</b><br/>Laporan Akademik<br/>Proyek Inovasi Pemerintahan Cerdas</p> <p><b>Pustaka:</b><br/>Dawes, S.S. (2009). <i>Governance in the Information Age: A</i></p> |
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|    |                                                                                                                |                                                                                             |                                                                                                                                                             |                                               |                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |     |
|----|----------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------|-----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|
|    |                                                                                                                |                                                                                             |                                                                                                                                                             |                                               |                                   | Research Agenda for Public Administration. Public Administration Review.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |     |
| 15 | Mengevaluasi menyeluruh terhadap sistem pemerintahan digital dalam konteks etika, sosial, dan kebijakan publik | Argumentasi dan relevansi evaluasi                                                          | <b>Kriteria:</b><br>Keseimbangan nilai etis dan teknis<br><br><b>Bentuk Penilaian :</b><br>Penilaian Hasil Project / Penilaian Produk, Penilaian Portofolio | Refleksi dan Studi Video Dokumenter<br>2 x 50 | Forum Diskusi Reflektif<br>1 x 50 | <b>Materi:</b> Ethical Implications of Smart Governance<br><b>Pustaka:</b> Nam, T., & Pardo, T.A. (2011). <i>Smart City as Urban Innovation: Focusing on Management, Policy, and Context. Proceedings of the 5th International Conference on Theory and Practice of Electronic Governance.</i>                                                                                                                                                                                                                                                                                                                                                                                                                     | 5%  |
| 16 | Mampu menjelaskan dengan lebih baik materi-materi dari minggu ke-9 s.d. ke-15                                  | Mengintegrasikan seluruh materi Pemerintahan Cerdas yang telah dipelajari dalam mata kuliah | <b>Kriteria:</b><br>Kemampuan menyelesaikan soal terkait semua CPMK<br><br><b>Bentuk Penilaian :</b><br>Tes                                                 | Menyelesaikan soal Ujian Sumatif<br>3 x 50    |                                   | <b>Materi:</b> Materi-materi dari minggu ke-9 s.d. ke-15<br><b>Pustaka:</b> Janssen, M., Charalabidis, Y., & Zuiderwijk, A. (2017). <i>Innovating Government: Open and Collaborative Approaches to Digital Governance. Springer.</i><br><b>Materi:</b> Materi-materi dari minggu ke-9 s.d. ke-15<br><b>Pustaka:</b> Anthopoulos, L. (2017). <i>Understanding Smart Cities: A Tool for Smart Government or an Industrial Trick?. Springer.</i><br><b>Materi:</b> Materi-materi dari minggu ke-9 s.d. ke-15<br><b>Pustaka:</b> Scholl, H.J. (2020). <i>E-Government: Information, Technology, and Transformation. Routledge.</i><br><b>Materi:</b> Materi-materi dari minggu ke-9 s.d. ke-15<br><b>Pustaka:</b> Nam, | 15% |

|  |  |  |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  |
|--|--|--|--|--|--|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
|  |  |  |  |  |  | <p>T., &amp; Pardo, T.A. (2011). <i>Smart City as Urban Innovation: Focusing on Management, Policy, and Context. Proceedings of the 5th International Conference on Theory and Practice of Electronic Governance.</i></p> <p><b>Materi:</b> Materi-materi dari minggu ke-9 s.d. ke-15</p> <p><b>Pustaka:</b> Dawes, S.S. (2009). <i>Governance in the Information Age: A Research Agenda for Public Administration. Public Administration Review.</i></p> |  |
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#### Rekap Persentase Evaluasi : Project Based Learning

| No | Evaluasi                                   | Persentase |
|----|--------------------------------------------|------------|
| 1. | Aktifitas Partisipatif                     | 7.5%       |
| 2. | Penilaian Hasil Project / Penilaian Produk | 50%        |
| 3. | Penilaian Portofolio                       | 12.5%      |
| 4. | Tes                                        | 30%        |
|    |                                            | 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. **Kriteria Penilaian** adalah patokan yang digunakan sebagai ukuran atau tolok ukur ketercapaian pembelajaran dalam penilaian berdasarkan indikator-indikator yang telah ditetapkan. Kriteria penilaian merupakan pedoman bagi penilai agar penilaian konsisten dan tidak bias. Kriteria 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.

Koordinator Program Studi S2  
Informatika



RICKY EKA PUTRA  
NIDN 0716018704

UPM Program Studi S2  
Informatika



NIDN 0024118405

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