

Dosen : SUSAFATI  
 Matakuliah : GRAFIKA KOMPUTER  
 SKS : 3  
 Kelas : 12.3A.05  
 Jumlah Mahasiswa : 16

| <b>Pertemuan</b> | <b>Ruangan</b> | <b>Tanggal</b>    | <b>Bahan Kajian</b>                                                                                                              | <b>Berita Acara Pengajaran</b>                                                                       | <b>Kehadiran</b>                                                                             |
|------------------|----------------|-------------------|----------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|
| <b>01</b>        | 202-e1         | 18 September 2020 | Pengenalan Grafik Komputer : Definisi grafika komputer, Sejarah grafika komputer, Bidang grafika komputer, Tema grafika komputer | pengenalan via zoom dan memberikan link untuk menginstal aplikasi                                    | Tepat Waktu<br>Jadwal:<br>14:10-16:40<br>Masuk:<br>14:11:39<br>Keluar:<br>16:40:13           |
| <b>02</b>        | 202-e1         | 25 September 2020 | Teknologi Display : Vector display, Raster display                                                                               | pertemuan 2 teknologi display                                                                        | Tepat Waktu<br>Jadwal:<br>14:10-16:40<br>Masuk:<br>14:12:49<br>Keluar:<br>16:42:49           |
| <b>03</b>        | 202-e1         | 2 Oktober 2020    | Kamera sintetis : Cara kerja kamera, Viewing coordinate, Transformasi viewplane, Proyeksi view plane                             | kamera sintetis : cara kerja kamera, viewing coordinate, transformasi viewplane, proyeksi view plane | Tepat Waktu<br>Jadwal:<br>14:10-16:40<br>Masuk:<br>14:23:27<br>Keluar:<br>16:40:41           |
| <b>04</b>        | 202-e1         | 9 Oktober 2020    | Kamera sintetis : Cara kerja kamera, Viewing coordinate, Transformasi viewplane, Proyeksi view plane                             | pertemuan 4 konsep-konsep dalam warna dan pewarnaan                                                  | Telat (lewat 15Menit)<br>Jadwal:<br>14:10-16:40<br>Masuk:<br>14:26:02<br>Keluar:<br>16:41:02 |
| <b>05</b>        | 202-e1         | 16 Oktober 2020   | Koordinat : Sistem koordinat, World koordinat, Screen koordinat, Transfrmasi koordinat                                           | pertemuan 5 bentuk-bentuk dan menentukan letak koordinat                                             | Tepat Waktu<br>Jadwal:<br>14:10-16:40<br>Masuk:<br>14:12:01<br>Keluar:<br>16:29:39           |
| <b>06</b>        | 202-e1         | 23                | Garis Line : Algoritma                                                                                                           | pertemuan 6                                                                                          | Tepat Waktu                                                                                  |

|    |        |                  |                                                                                                                      |                                                                                                                 |                                                                           |
|----|--------|------------------|----------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------|
|    |        | Oktober 2020     | garis, Kuadran garis, Line equation, Gradien dan tipe garis                                                          | merepresentasikan objek-objek geometri dalam bentuk garis                                                       | Jadwal: 14:10-16:40<br>Masuk: 14:17:27<br>Keluar: 16:42:14                |
| 07 | 202-e1 | 13 November 2020 | Review Materi Quiz                                                                                                   | pertemuan 9 algoritma lingkaran bresenham s circle                                                              | Tepat Waktu<br>Jadwal: 14:10-16:40<br>Masuk: 14:11:09<br>Keluar: 16:37:48 |
| 08 | -      | -                | (UTS)                                                                                                                | -                                                                                                               | -                                                                         |
| 09 | 202-e1 | 20 November 2020 | Algoritma Lingkaran : Bresenham s Circle                                                                             | pertemuan 10 transformasi 2 dimensi - translation - scaling - rotasi - matriks dan transformasi                 | Tepat Waktu<br>Jadwal: 14:10-16:40<br>Masuk: 14:15:43<br>Keluar: 16:15:08 |
| 10 | 202-e1 | 27 November 2020 | Transformasi : Dimensi, Transformasi, Translation, Scaling, Rotasi, Matriks dan Transformasi                         | pertemuan 11 algoritma kliping - visible dan invisible line - algoritma clipping - algoritma cohen - sutherland | Tepat Waktu<br>Jadwal: 14:10-16:40<br>Masuk: 14:11:08<br>Keluar: 16:24:38 |
| 11 | 202-e1 | 4 Desember 2020  | Algoritma kliping 1 Visible dan Invisible line 2 Algoritma clipping 3 Algoritma Cohen - Sutherland                   | pertemuan 12 konsep dasar proyeksi                                                                              | Tepat Waktu<br>Jadwal: 14:10-16:40<br>Masuk: 14:14:18<br>Keluar: 16:26:42 |
| 12 | 202-e1 | 11 Desember 2020 | Proyeksi : Proyeksi paralel, Proyeksi Orthographic, Proyeksi multiview, Proyeksi Axonometric, Proyeksi Oblique       | pertemuan 13 konsep dasar transformasi 3 dimensi                                                                | Tepat Waktu<br>Jadwal: 14:10-16:40<br>Masuk: 14:11:56<br>Keluar: 16:32:32 |
| 13 | 202-e1 | 18 Desember 2020 | Transformasi 3 Dimensi : Perbedaan 2D dengan 3D, Sifat 3D, Pembuatan lokasi titik 3D, Scanner 3D, Parametric Surface | pertemuan 14 konsep OpenGL dan GLUT                                                                             | Tepat Waktu<br>Jadwal: 14:10-16:40<br>Masuk: 14:11:50<br>Keluar: 16:32:32 |
| 14 | 202-e1 | 8 Januari        | OpenGL dan GLUT :                                                                                                    | pertemuan 15 latihan                                                                                            | Telat (Lewat                                                              |

|    |             |                       |                                                                                                              |                                                                  |                                                                                    |
|----|-------------|-----------------------|--------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------|------------------------------------------------------------------------------------|
|    |             | 2021                  | Sejarah OpenGL,<br>Overview OpenGL,<br>Layanan OpenGL, Cara<br>kerja OpenGL,<br>Inisialisasi OpenGL,<br>GLUT | soal pra uas                                                     | 15Menit)<br>Jadwal:<br>14:10-16:40<br>Masuk:<br>14:35:13<br>Keluar:<br>16:27:51    |
| 15 | 202-e1 (KP) | 16<br>Januari<br>2021 | Review Materi Quiz                                                                                           | pertemuan 15 review<br>materi dan<br>mengerjakan soal<br>latihan | Tepat Waktu<br>Jadwal:<br>16:40-19:10<br>Masuk:<br>16:45:07<br>Keluar:<br>19:00:01 |
| 16 | -           | -                     | (UAS)                                                                                                        | -                                                                | -                                                                                  |

## Presensi Mahasiswa 12.3A.05

| Nim      | Nama                    | 1        | 2        | 3        | 4        | 5        | 6        | 7        | 8        | 9        | 10        | 11        | 12        | 13        | 14        | 15        | 16        | Jumlah |
|----------|-------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|--------|
| 12190043 | wahyu handika saputra   | 1        | 1        | 1        | 1        | 1        | 1        | 1        | 0        | 1        | 1         | 1         | 1         | 1         | 1         | 1         | 0         | 13     |
| 12190044 | widar panji pamekas     | 1        | 1        | 1        | 1        | 1        | 1        | 1        | 0        | 1        | 1         | 1         | 0         | 1         | 1         | 1         | 0         | 12     |
| 12190109 | ahmad paudik            | 1        | 1        | 0        | 1        | 1        | 1        | 1        | 0        | 1        | 1         | 1         | 1         | 1         | 1         | 1         | 0         | 12     |
| 12190128 | vincent julyan          | 1        | 1        | 1        | 1        | 1        | 1        | 1        | 0        | 1        | 1         | 1         | 1         | 1         | 1         | 1         | 0         | 13     |
| 12190150 | aliffio chandra purnama | 1        | 1        | 1        | 1        | 1        | 1        | 1        | 0        | 1        | 1         | 1         | 1         | 1         | 1         | 1         | 0         | 13     |
| 12190206 | gardito gema ramadhan   | 1        | 1        | 1        | 1        | 1        | 1        | 1        | 0        | 1        | 1         | 1         | 1         | 1         | 1         | 1         | 0         | 13     |
| 12190211 | naufal al yasiri        | 1        | 1        | 1        | 1        | 1        | 1        | 1        | 0        | 1        | 1         | 1         | 1         | 1         | 1         | 1         | 0         | 13     |
| 12190237 | hasnan wanandi          | 1        | 1        | 1        | 1        | 1        | 0        | 1        | 0        | 1        | 1         | 1         | 0         | 1         | 1         | 1         | 0         | 11     |
| 12190238 | farhan muhaimin         | 1        | 1        | 1        | 0        | 1        | 1        | 1        | 0        | 1        | 1         | 1         | 1         | 0         | 1         | 1         | 0         | 11     |
| 12190241 | jeta aris suretno       | 1        | 1        | 1        | 1        | 1        | 1        | 1        | 0        | 1        | 1         | 1         | 1         | 1         | 1         | 1         | 0         | 13     |
| 12190264 | tegar nurhakiki         | 1        | 1        | 1        | 1        | 1        | 1        | 1        | 0        | 0        | 1         | 1         | 1         | 1         | 1         | 1         | 0         | 12     |
| 12190274 | fachmi maulana          | 1        | 1        | 0        | 1        | 1        | 1        | 1        | 0        | 1        | 1         | 1         | 0         | 1         | 1         | 1         | 0         | 11     |
| 12190279 | genijayanti waruwu      | 1        | 1        | 1        | 1        | 1        | 1        | 1        | 0        | 1        | 1         | 1         | 1         | 1         | 1         | 1         | 0         | 13     |
| 12190284 | adi sulistiyo           | 1        | 1        | 1        | 1        | 1        | 1        | 1        | 0        | 1        | 1         | 1         | 1         | 1         | 1         | 1         | 0         | 13     |
| 12190299 | tasya nabila fauzia     | 1        | 1        | 1        | 1        | 1        | 1        | 1        | 0        | 1        | 1         | 1         | 1         | 1         | 1         | 1         | 0         | 13     |
| 12190329 | yuvensius faisal        | 1        | 1        | 1        | 1        | 1        | 1        | 1        | 0        | 1        | 1         | 1         | 1         | 1         | 1         | 1         | 0         | 13     |
|          | <b>Pertemuan</b>        | <b>1</b> | <b>2</b> | <b>3</b> | <b>4</b> | <b>5</b> | <b>6</b> | <b>7</b> | <b>8</b> | <b>9</b> | <b>10</b> | <b>11</b> | <b>12</b> | <b>13</b> | <b>14</b> | <b>15</b> | <b>16</b> | 13     |
|          | <b>Jumlah Hadir</b>     | 16       | 16       | 14       | 15       | 16       | 15       | 16       | 0        | 15       | 16        | 16        | 13        | 15        | 16        | 16        | 0         |        |

## Penilaian 12.3A.05

| NIM      | NAMA                    | PRESENSI | TUGAS | UTS | UAS | GRADE AKHIR |
|----------|-------------------------|----------|-------|-----|-----|-------------|
| 12190043 | wahyu handika saputra   | 100      | 90    | 90  | 38  | B           |
| 12190044 | widar panji pamekas     | 92       | 80    | 60  | 62  | B           |
| 12190109 | ahmad paudik            | 92       | 80    | 26  | 62  | C           |
| 12190128 | vincent julyan          | 100      | 90    | 76  | 96  | A           |
| 12190150 | aliffio chandra purnama | 100      | 90    | 72  | 56  | B           |
| 12190206 | gardito gema ramadhan   | 100      | 90    | 88  | 66  | A           |
| 12190211 | naufal al yasiri        | 100      | 90    | 80  | 60  | A           |
| 12190237 | hasnan wanandi          | 85       | 75    | 0   | 64  | C           |
| 12190238 | farhan muhaimin         | 85       | 75    | 44  | 56  | C           |
| 12190241 | jeta aris suretno       | 100      | 90    | 46  | 58  | B           |
| 12190264 | tegar nurhakiki         | 92       | 80    | 80  | 70  | B           |
| 12190274 | fachmi maulana          | 85       | 75    | 66  | 52  | B           |
| 12190279 | genijayanti waruwu      | 100      | 90    | 76  | 58  | B           |
| 12190284 | adi sulistiyo           | 100      | 90    | 78  | 78  | A           |
| 12190299 | tasya nabila fauzia     | 100      | 90    | 86  | 76  | A           |
| 12190329 | yuvensius faisal        | 100      | 90    | 58  | 50  | B           |