



FAKULTAS TEKNIK UNIVERSITAS MUHAMMADIYAH JAKARTA

Jl. Cempaka Putih Tengah 27, Jakarta Pusat 10510
 Website: ft.umj.ac.id | email: ft@umj.ac.id | Telp/Fax: +62.21.4256024/23

NILAI PERKULIAHAN MAHASISWA

PRODI : TEKNIK MESIN

PERIODE : 2020/2021 GENAP

Mata kuliah : METODE NUMERIK

Nama Kelas : A1

Kode Mata kuliah : MES120

SKS : 2

| No | NIM | Nama Mahasiswa | TUGAS (20%) | UJIAN TENGAH SEMESTER (30%) | UJIAN AKHIR SEMESTER (50%) | Nilai | Grade | Lulus | Sunting KRS? | Info |
|----|------------|---------------------------|-------------|-----------------------------|----------------------------|-------|-------|-------|--------------|------|
| 1 | 2017440002 | ADIT LUDIA | 50.00 | 50.00 | 50.00 | 50.00 | C- | ✓ | | |
| 2 | 2017440031 | MUHAMMAD CHAERUL ABZAL | 70.00 | 70.00 | 70.00 | 70.00 | B | ✓ | | |
| 3 | 2017440037 | MUHAMMAD JULHAM ZUHDI | 70.00 | 50.00 | 68.00 | 63.00 | C+ | ✓ | | |
| 4 | 2017440048 | RIF'AT FAQIH ZUHDI | 60.00 | 0.00 | 0.00 | 12.00 | E | | | |
| 5 | 2019440001 | ACHMAD SUBAGIYO | 75.00 | 70.00 | 68.00 | 70.00 | B | ✓ | | |
| 6 | 2019440002 | ADITYA RIZKY FADILLAH | 70.00 | 60.00 | 70.00 | 67.00 | B- | ✓ | | |
| 7 | 2019440004 | AHMAD NAFIIS HUWAIDI | 70.00 | 50.00 | 75.00 | 66.50 | B- | ✓ | | |
| 8 | 2019440006 | AKMAL AMRI THORIQ | 60.00 | 65.00 | 68.00 | 65.50 | B- | ✓ | | |
| 9 | 2019440011 | BHAGAS NOVANDA PUTRA | 70.00 | 80.00 | 75.00 | 75.50 | B+ | ✓ | | |
| 10 | 2019440012 | BILAL ANDRIYIT | 70.00 | 50.00 | 68.00 | 63.00 | C+ | ✓ | | |
| 11 | 2019440013 | BIMO TAUHID IBRAHIM | 70.00 | 55.00 | 68.00 | 64.50 | C+ | ✓ | | |
| 12 | 2019440014 | BUDI ALDI WIBOWO | 70.00 | 75.00 | 75.00 | 74.00 | B | ✓ | | |
| 13 | 2019440015 | DHIMAS IQBAL HARIROWANI | 70.00 | 80.00 | 75.00 | 75.50 | B+ | ✓ | | |
| 14 | 2019440017 | FAJAR IKSAN MAULANA | 70.00 | 80.00 | 70.00 | 73.00 | B | ✓ | | |
| 15 | 2019440018 | FAJAR RIZKY AKBAR BUDIMAN | 70.00 | 55.00 | 75.00 | 68.00 | B- | ✓ | | |
| 16 | 2019440019 | FAKHRI HIDAYAT | 70.00 | 80.00 | 75.00 | 75.50 | B+ | ✓ | | |
| 17 | 2019440021 | FARHAN SYARIFUDDIN | 70.00 | 50.00 | 75.00 | 66.50 | B- | ✓ | | |
| 18 | 2019440022 | FAUZI AL MUKTAFI | 60.00 | 60.00 | 68.00 | 64.00 | C+ | ✓ | | |
| 19 | 2019440023 | FEBRIZAL ALFARIS TAHAR | 0.00 | 0.00 | 50.00 | 25.00 | E | | | |
| 20 | 2019440025 | GANI MUHAMAD ADRIANTO | 70.00 | 80.00 | 80.00 | 78.00 | B+ | ✓ | | |
| 21 | 2019440026 | HARIS FAJAR FIRMANSYAH | 80.00 | 90.00 | 90.00 | 88.00 | A | ✓ | | |
| 22 | 2019440028 | KHAERUL ARIFIN | 70.00 | 80.00 | 70.00 | 73.00 | B | ✓ | | |
| 23 | 2019440029 | LODI BOBY PRASETYO | 70.00 | 60.00 | 80.00 | 72.00 | B | ✓ | | |
| 24 | 2019440030 | LUTFI HAGI NURFALAH | 70.00 | 65.00 | 75.00 | 71.00 | B | ✓ | | |
| 25 | 2019440033 | MOHAMMAD IQBAL | 70.00 | 50.00 | 75.00 | 66.50 | B- | ✓ | | |
| 26 | 2019440035 | MUHAMMAD ALFARIS IKSAN | 70.00 | 90.00 | 75.00 | 78.50 | B+ | ✓ | | |
| 27 | 2019440037 | MUHAMMAD FARHAN BOIRATAN | 50.00 | 70.00 | 0.00 | 31.00 | E | | | |
| 28 | 2019440038 | MUHAMAD FARHAN FAHRONI | 80.00 | 80.00 | 75.00 | 77.50 | B+ | ✓ | | |

| | | | | | | | | | | |
|----|------------|--------------------------------|-------|-------|-------|-------|----|---|--|--|
| 29 | 2019440039 | MUHAMMAD FAUZAN APRIANDANDY | 80.00 | 90.00 | 80.00 | 83.00 | A- | ✓ | | |
| 30 | 2019440040 | MUHAMMAD HAYKALL | 70.00 | 80.00 | 75.00 | 75.50 | B+ | ✓ | | |



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NILAI PERKULIAHAN MAHASISWA

PRODI : TEKNIK MESIN

PERIODE : 2020/2021 GENAP

Mata kuliah : METODE NUMERIK

Nama Kelas : A1

Kode Mata kuliah : MES120

SKS : 2

| No | NIM | Nama Mahasiswa | TUGAS (20%) | UJIAN TENGAH SEMESTER (30%) | UJIAN AKHIR SEMESTER (50%) | Nilai | Grade | Lulus | Sunting KRS? | Info |
|----|------------|----------------------------|-------------|-----------------------------|----------------------------|-------|-------|-------|--------------|------|
| 31 | 2019440041 | MUHAMMAD IVAN OCTAVIANSYAH | 70.00 | 90.00 | 75.00 | 78.50 | B+ | ✓ | | |
| 32 | 2019440042 | MUHAMMAD RIDWAN | 70.00 | 50.00 | 70.00 | 64.00 | C+ | ✓ | | |
| 33 | 2019440044 | MUHAMMAD ZARKASIH | 70.00 | 90.00 | 68.00 | 75.00 | B+ | ✓ | | |
| 34 | 2019440046 | NAJIB ABDEL | 70.00 | 70.00 | 0.00 | 35.00 | E | | | |
| 35 | 2019440049 | NOFRIZAL RAMADHANI | 70.00 | 65.00 | 68.00 | 67.50 | B- | ✓ | | |
| 36 | 2019440053 | PUJI DWI HANDOYO | 75.00 | 50.00 | 75.00 | 67.50 | B- | ✓ | | |
| 37 | 2019440054 | PUZI RAMADHAN | 50.00 | 0.00 | 0.00 | 10.00 | E | | | |
| 38 | 2019440055 | RACHMADI SENOP HARTANTO | 80.00 | 50.00 | 75.00 | 68.50 | B- | ✓ | | |
| 39 | 2019440056 | RAIHAN FADLI | 70.00 | 55.00 | 70.00 | 65.50 | B- | ✓ | | |
| 40 | 2019440057 | RENALDI EKA ZULFIKAR | 80.00 | 90.00 | 80.00 | 83.00 | A- | ✓ | | |
| 41 | 2019440058 | REZA FEBRIAN | 70.00 | 70.00 | 75.00 | 72.50 | B | ✓ | | |
| 42 | 2019440059 | RIDHWAN BAGUS WIDYANTO | 70.00 | 90.00 | 80.00 | 81.00 | A- | ✓ | | |
| 43 | 2019440060 | RIO CIPTO ARDIANSYAH | 70.00 | 90.00 | 68.00 | 75.00 | B+ | ✓ | | |
| 44 | 2019440061 | RISKI HADI SAPUTRA | 80.00 | 70.00 | 75.00 | 74.50 | B | ✓ | | |
| 45 | 2019440062 | RIZQI ARDIANSYAH | 75.00 | 50.00 | 75.00 | 67.50 | B- | ✓ | | |
| 46 | 2019440063 | RUSPIYAN | 70.00 | 60.00 | 80.00 | 72.00 | B | ✓ | | |
| 47 | 2019440066 | WISNU SAPUTRA | 70.00 | 70.00 | 68.00 | 69.00 | B- | ✓ | | |

Tanggal Cetak : Senin, 26 Juli 2021, 20:14:15

Paraf Dosen :

FADWAH MAGHFURAH GHAZALI, , ST, MM, MT.



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JURNAL PERKULIAHAN TEKNIK MESIN 2020/2021 GENAP

MATA KULIAH : METODE NUMERIK
 NAMA DOSEN : FADWAH MAGHFURAH GHAZALI, , ST, MM, MT.
 KREDIT/SKS : 2 SKS
 KELAS : A1

| TATAP MUKA KE | HARI/TANGGAL | MULAI | SELESAI | RUANG | STATUS | RENCANA MATERI | REALISASI MATERI | KEHADIRAN MHS | PENGAJAR | TANDA TANGAN |
|---------------|---------------------|-------|---------|-------|---------|--|------------------|---------------|---|--------------|
| 1 | Senin, 1 Maret 2021 | 10:10 | 11:50 | | Selesai | Pada pertemuan ke-1 ini metode yang akan di bahas adalah metode Grafik dan metode Bisection serta perbedaan-perbedaannya serta kelebihan dan kekurangan masing-masing metode tersebut. Disini mahasiswa akan mengetahui fungsi dari masing-masing metode tersebut serta pengaplikasiannya didalam kehidupan nyata dan digunakan pada saat yang bagaimana metode-metode tersebut. | Terpenuhi | (46 / 47) | FADWAH MAGHFURAH GHAZALI, , ST, MM, MT. | |
| 2 | Senin, 8 Maret 2021 | 10:10 | 11:50 | | Selesai | Materi yang dipelajari pada pertemuan ke-2 ini adalah metode Bisection beserta contoh-contoh soalnya | Tercapai | (41 / 47) | FADWAH MAGHFURAH GHAZALI, , ST, MM, MT. | |

| | | | | | | | | | |
|---|----------------------|-------|-------|--|-----------|--|----------|-----------|--|
| 3 | Senin, 15 Maret 2021 | 10:10 | 11:50 | | Selesai | Menyelesaikan persamaan dengan menggunakan metode Regula Falsi berikut contoh soalnya | Tercapai | (43 / 47) | FADWAH MAGHFURAH GHAZALI, , ST, MM, MT. |
| 4 | Senin, 22 Maret 2021 | 10:10 | 11:50 | | Selesai | Pada pertemuan kali ini membahas suatu persamaan dengan metode sebelumnya tetapi dengan metode yang berbeda yaitu dengan metode secan, dimana metode ini makin mendekati konvergen | Tercapai | (43 / 47) | FADWAH MAGHFURAH GHAZALI, , ST, MM, MT. |
| 5 | Senin, 29 Maret 2021 | 10:10 | 11:50 | | Selesai | Mempelajari metode Newton Raphson sehingga mendekati KOnvergen | Tercapai | (26 / 47) | FADWAH MAGHFURAH GHAZALI, , ST, MM, MT. |
| 6 | Senin, 5 April 2021 | 10:10 | 11:50 | | Selesai | Pertemuan ke-6 ini membahas metode iterasi 1 titik dan terlepas dari metode sebelumnya | Tercapai | (41 / 47) | FADWAH MAGHFURAH GHAZALI, , ST, MM, MT. |
| 6 | Senin, 19 April 2021 | 10:10 | 11:50 | | Selesai | Tercapai | Tercapai | (44 / 47) | FADWAH MAGHFURAH GHAZALI, , ST, MM, MT. |
| 8 | Senin, 3 Mei 2021 | 10:10 | 11:50 | | Terjadwal | Metode Eliminasi gauss yang akan membentuk matriks menjadi matik segitiga atas | Tercapai | (41 / 47) | FADWAH MAGHFURAH GHAZALI, , ST, MM, MT. |



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JURNAL PERKULIAHAN TEKNIK MESIN 2020/2021 GENAP

MATA KULIAH : METODE NUMERIK
 NAMA DOSEN : FADWAH MAGHFURAH GHAZALI, ST, MM, MT.
 KREDIT/SKS : 2 SKS
 KELAS : A1

| TATAP MUKA KE | HARI/TANGGAL | MULAI | SELESAI | RUANG | STATUS | RENCANA MATERI | REALISASI MATERI | KEHADIRAN MHS | PENGAJAR | TANDA TANGAN |
|---------------|---------------------|-------|---------|-------|---------|---|------------------|---------------|---------------------------------------|--------------|
| 12 | Senin, 31 Mei 2021 | 10:10 | 11:50 | | Selesai | Ujian Tengah Semester | Tercapai | (45 / 47) | FADWAH MAGHFURAH GHAZALI, ST, MM, MT. | |
| 7 | Selasa, 8 Juni 2021 | 10:10 | 11:50 | | Selesai | Mengerjakan tugas mandiri dengan berbasis bab 8 | Tercapai | (34 / 47) | FADWAH MAGHFURAH GHAZALI, ST, MM, MT. | |
| 14 | Senin, 14 Juni 2021 | 10:10 | 11:50 | | Selesai | Mengerjakan tugas mandiri tentang metode eliminasi gauss | Tercapai | (41 / 47) | FADWAH MAGHFURAH GHAZALI, ST, MM, MT. | |
| 15 | Senin, 21 Juni 2021 | 10:10 | 11:50 | | Selesai | Mempelajari tentang metode gauss jordan yang membentuk matrik satuan dengan 9 langkah perubahan | Tercapai | (29 / 47) | FADWAH MAGHFURAH GHAZALI, ST, MM, MT. | |
| 16 | Senin, 28 Juni 2021 | 10:10 | 11:50 | | Selesai | Mempelajari tentang metode gauss seidel dimana hasil akhir mencari nilai X1 X2 X3 | Tercapai | (37 / 47) | FADWAH MAGHFURAH GHAZALI, ST, MM, MT. | |
| 5 | Senin, 5 Juli 2021 | 10:10 | 11:50 | | Selesai | Pokok bahasan pertemuan ke-13 meliputi : 1. Mencari Nilai X, X1, X2 dst 2. Mencari Nilai Y, Y1, Y2 dst 3. Mencari Nilai Z, Z1, Z2 dst | Tercapai | (34 / 47) | FADWAH MAGHFURAH GHAZALI, ST, MM, MT. | |

| | | | | | | | | | | |
|---|---------------------|-------|-------|--|---------|----------------------|----------|-----------|--|--|
| 9 | Senin, 26 Juli 2021 | 13:00 | 15:00 | | Selesai | Ujian Akhir Semester | Tercapai | (43 / 47) | FADWAH MAGHFURAH GHAZALI, , ST, MM, MT. | |
| | | | | | | | | (0 / 47) | | |

Jakarta, 29 Juli 2021
Ketua Prodi TEKNIK MESIN

SULIS YULIANTO, ST., MT.,
NIP. 20835



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LAPORAN PERSENTASE PRESENSI MAHASISWA TEKNIK MESIN 2020/2021 GENAP

Mata kuliah : METODE NUMERIK

Nama Kelas : A1

Dosen Pengajar : FADWAH MAGHFURAH GHAZALI, ST, MM, MT.

| No | NIM | Nama | Pertemuan | Alfa | Hadir | Ijin | Sakit | Presentase |
|----|------------|-----------------------------|-----------|------|-------|------|-------|------------|
| 1 | 2017440002 | ADIT LUDIA | 15 | 4 | 10 | | | 66.67 |
| 2 | 2017440031 | MUHAMMAD CHAERUL ABZAL | 15 | 2 | 13 | | | 86.67 |
| 3 | 2017440037 | MUHAMMAD JULHAM ZUHDI | 15 | 3 | 12 | | | 80 |
| 4 | 2017440048 | RIF'AT FAQIH ZUHDI | 15 | 6 | 9 | | | 60 |
| 5 | 2019440001 | ACHMAD SUBAGIYO | 15 | 3 | 12 | | | 80 |
| 6 | 2019440002 | ADITYA RIZKY FADILLAH | 15 | 4 | 11 | | | 73.33 |
| 7 | 2019440004 | AHMAD NAFIIS HUWAIDI | 15 | 1 | 14 | | | 93.33 |
| 8 | 2019440006 | AKMAL AMRI THORIQ | 15 | 5 | 10 | | | 66.67 |
| 9 | 2019440011 | BHAGAS NOVANDA PUTRA | 15 | 1 | 14 | | | 93.33 |
| 10 | 2019440012 | BILAL ANDRIYIT | 15 | 4 | 11 | | | 73.33 |
| 11 | 2019440013 | BIMO TAUHID IBRAHIM | 15 | 4 | 11 | | | 73.33 |
| 12 | 2019440014 | BUDI ALDI WIBOWO | 15 | 1 | 14 | | | 93.33 |
| 13 | 2019440015 | DHIMAS IQBAL HARIROWANI | 15 | | 15 | | | 100 |
| 14 | 2019440017 | FAJAR IKSAN MAULANA | 15 | 4 | 11 | | | 73.33 |
| 15 | 2019440018 | FAJAR RIZKY AKBAR BUDIMAN | 15 | 1 | 14 | | | 93.33 |
| 16 | 2019440019 | FAKHRI HIDAYAT | 15 | 1 | 14 | | | 93.33 |
| 17 | 2019440021 | FARHAN SYARIFUDDIN | 15 | 2 | 13 | | | 86.67 |
| 18 | 2019440022 | FAUZI AL MUKTAFI | 15 | 4 | 11 | | | 73.33 |
| 19 | 2019440023 | FEBRIZAL ALFARIS TAHAR | 15 | 9 | 6 | | | 40 |
| 20 | 2019440025 | GANI MUHAMAD ADRIANTO | 15 | 4 | 11 | | | 73.33 |
| 21 | 2019440026 | HARIS FAJAR FIRMANSYAH | 15 | | 15 | | | 100 |
| 22 | 2019440028 | KHAERUL ARIFIN | 15 | 3 | 12 | | | 80 |
| 23 | 2019440029 | LODI BOBY PRASETYO | 15 | 2 | 13 | | | 86.67 |
| 24 | 2019440030 | LUTFI HAGI NURFALAH | 15 | 2 | 13 | | | 86.67 |
| 25 | 2019440033 | MOHAMMAD IQBAL | 15 | 2 | 13 | | | 86.67 |
| 26 | 2019440035 | MUHAMMAD ALFARIS IKSAN | 15 | | 15 | | | 100 |
| 27 | 2019440037 | MUHAMMAD FARHAN BOIRATAN | 15 | 8 | 7 | | | 46.67 |
| 28 | 2019440038 | MUHAMAD FARHAN FAHRONI | 15 | 1 | 14 | | | 93.33 |
| 29 | 2019440039 | MUHAMMAD FAUZAN APRIANDANDY | 15 | 1 | 14 | | | 93.33 |
| 30 | 2019440040 | MUHAMMAD HAYKALL | 15 | 1 | 14 | | | 93.33 |

| | | | | | | | | |
|----|------------|----------------------------|----|---|----|--|--|-------|
| 31 | 2019440041 | MUHAMMAD IVAN OCTAVIANSYAH | 15 | 1 | 14 | | | 93.33 |
| 32 | 2019440042 | MUHAMMAD RIDWAN | 15 | 2 | 13 | | | 86.67 |
| 33 | 2019440044 | MUHAMMAD ZARKASIH | 15 | 4 | 11 | | | 73.33 |
| 34 | 2019440046 | NAJIB ABDEL | 15 | 3 | 12 | | | 80 |
| 35 | 2019440049 | NOFRIZAL RAMADHANI | 15 | 4 | 11 | | | 73.33 |
| 36 | 2019440053 | PUJI DWI HANDOYO | 15 | | 15 | | | 100 |
| 37 | 2019440054 | PUZI RAMADHAN | 15 | 8 | 7 | | | 46.67 |
| 38 | 2019440055 | RACHMADI SENOP HARTANTO | 15 | 1 | 14 | | | 93.33 |
| 39 | 2019440056 | RAIHAN FADLI | 15 | 2 | 13 | | | 86.67 |
| 40 | 2019440057 | RENALDI EKA ZULFIKAR | 15 | | 15 | | | 100 |
| 41 | 2019440058 | REZA FEBRIAN | 15 | 1 | 14 | | | 93.33 |
| 42 | 2019440059 | RIDHWAN BAGUS WIDYANTO | 15 | 1 | 14 | | | 93.33 |
| 43 | 2019440060 | RIO CIPTO ARDIANSYAH | 15 | 3 | 12 | | | 80 |
| 44 | 2019440061 | RISKI HADI SAPUTRA | 15 | | 15 | | | 100 |
| 45 | 2019440062 | RIZQI ARDIANSYAH | 15 | | 15 | | | 100 |
| 46 | 2019440063 | RUSPIYAN | 15 | | 15 | | | 100 |
| 47 | 2019440066 | WISNU SAPUTRA | 15 | 2 | 12 | | | 80 |

Jakarta, 26 Juli 2021
Ketua Prodi TEKNIK MESIN

SULIS YULIANTO, ST., MT.,
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