



Satuan Acara Pengajaran

MAT10121D - Matematika Dasar I

Pengajar

Fevi Novkaniza S.Si., M.Si

Minggu 1

Materi	Sistim Bilangan Riil
Media	OHP, White Board
Referensi	Calculus with Analytic Geometry ; 8th Edition : Dale Varberg & Edwin J. Purcell
Aktivitas	Tutorial, Latihan Soal

Minggu 2

Materi	Ketaksamaan
Media	OHP, White Board
Referensi	Calculus with Analytic Geometry ; 8th Edition : Dale Varberg & Edwin J. Purcell
Aktivitas	Tutorial, Latihan Soal

Minggu 3

Materi	Fungsi dan Operasi Fungsi, Fungsi Trigonometri
Media	OHP, White Board

Referensi Calculus with Analytic Geometry ; 8th Edition : Dale Varberg & Edwin J. Purcell

Aktivitas Tutorial, Latihan Soal

Minggu 4

Materi Limit Fungsi

Media OHP, White Board

Referensi Calculus with Analytic Geometry ; 8th Edition : Dale Varberg & Edwin J. Purcell

Aktivitas Tutorial, Latihan Soal

Minggu 5

Materi Kontinuitas
Konsep Dasar Turunan

Media OHP, White Board

Referensi Calculus with Analytic Geometry ; 8th Edition : Dale Varberg & Edwin J. Purcell

Aktivitas Tutorial, Latihan Soal

Minggu 6

Materi Aturan pencarian turunan
Aturan Rantai

Media OHP, White Board

Referensi Calculus with Analytic Geometry ; 8th Edition : Dale Varberg & Edwin J. Purcell

Aktivitas

Minggu 7

Materi Turunan Tingkat Tinggi
Turunan Fungsi Implisit

Media OHP, White Board

Referensi Calculus with Analytic Geometry ; 8th Edition : Dale Varberg & Edwin J. Purcell

Aktivitas Tutorial, Latihan Soal

Minggu 8

Materi UTS

Media

Referensi

Aktivitas

Minggu 9

Materi Aplikasi Turunan ; Maksimum dan Minimum, Kemonotonan & Kecekungan
Limit di Ketakhinggaan, Limit tak Hingga (Aturan l'hospital)

Media OHP, White Board

Referensi Calculus with Analytic Geometry ; 8th Edition : Dale Varberg & Edwin J. Purcell

Aktivitas

Minggu 10

Materi Integral Tak Tentu (Anti Turunan)
Integral Tentu
Teorema Dasar Kalkulus

Media OHP, White Board

Referensi Calculus with Analytic Geometry ; 8th Edition : Dale Varberg & Edwin J. Purcell

Aktivitas Tutorial, Latihan Soal

Minggu 11

Materi Teknik Integrasi : teknik substitusi, integral trigonometri

Media OHP, White Board

Referensi Calculus with Analytic Geometry ; 8th Edition : Dale Varberg & Edwin J. Purcell

Aktivitas Tutorial, Latihan Soal

Minggu 12

Materi Teknik Integrasi : Integral Parsial, Integral Fungsi Rasional

Media OHP, White Board

Referensi Calculus with Analytic Geometry ; 8th Edition : Dale Varberg & Edwin J. Purcell

Aktivitas Tutorial, Latihan Soal

Minggu 13

Materi Aplikasi Integral ; Luas daerah, Volume Benda Putar

Media OHP, White Board

Referensi Calculus with Analytic Geometry ; 8th Edition : Dale Varberg & Edwin J. Purcell

Aktivitas Tutorial, Latihan Soal

Minggu 14

Materi UAS

Media

Referensi
