



# Satuan Acara Pengajaran

MAT10121D - Matematika Dasar I

Pengajar

*Fevi Novkaniza S.Si., M.Si*

## Minggu 1

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

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## Minggu 2

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

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## Minggu 3

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<b>Materi</b>	Fungsi dan Operasi Fungsi, Fungsi Trigonometri
<b>Media</b>	OHP, White Board

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

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**Aktivitas**      Tutorial, Latihan Soal

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#### Minggu 4

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**Materi**          Limit Fungsi

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**Media**          OHP, White Board

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

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**Aktivitas**      Tutorial, Latihan Soal

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#### Minggu 5

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**Materi**          Kontinuitas  
Konsep Dasar Turunan

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**Media**          OHP, White Board

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

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**Aktivitas**      Tutorial, Latihan Soal

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#### Minggu 6

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**Materi**          Aturan pencarian turunan  
Aturan Rantai

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**Media**          OHP, White Board

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

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**Aktivitas**

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#### Minggu 7

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**Materi** Turunan Tingkat Tinggi  
Turunan Fungsi Implisit

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**Media** OHP, White Board

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

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**Aktivitas** Tutorial, Latihan Soal

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## Minggu 8

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**Materi** UTS

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**Media**

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**Referensi**

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**Aktivitas**

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## Minggu 9

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

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**Media** OHP, White Board

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

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**Aktivitas**

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## Minggu 10

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

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**Media** OHP, White Board

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

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**Aktivitas** Tutorial, Latihan Soal

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## Minggu 11

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**Materi** Teknik Integrasi : teknik substitusi, integral trigonometri

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**Media** OHP, White Board

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

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**Aktivitas** Tutorial, Latihan Soal

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## Minggu 12

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**Materi** Teknik Integrasi : Integral Parsial, Integral Fungsi Rasional

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**Media** OHP, White Board

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

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**Aktivitas** Tutorial, Latihan Soal

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## Minggu 13

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**Materi** Aplikasi Integral ; Luas daerah, Volume Benda Putar

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**Media** OHP, White Board

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

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**Aktivitas** Tutorial, Latihan Soal

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## Minggu 14

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**Materi** UAS

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**Media**

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**Referensi**

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