



# Satuan Acara Pengajaran

ENMT800101 - Mekanika Material

Pengajar

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## Minggu 1

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<b>Materi</b>	Pengantar Mekanika Material
<b>Media</b>	White Board LCD Projector
<b>Referensi</b>	Norman E Dowling, Mechanical Behavior of Material (Chapter 1)
<b>Aktivitas</b>	Kuliah Pengantar Diskusi

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## Minggu 2

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<b>Materi</b>	Desain dan Pemilihan Material untuk Struktur Mekanika Review Flexure Formula
<b>Media</b>	White Board LCD Projector
<b>Referensi</b>	Norman E. Dowling, Mechanical Behavior of Material (Chapter 1 + Section 3.8)
<b>Aktivitas</b>	

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## Minggu 3

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<b>Materi</b>	Pengujian Mekanis: Pengujian Tarik
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**Media** White Board  
LCD Projector

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**Referensi** Norman E. Dowling, Mechanical Behavior of Materials (Chapter 4)

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**Aktivitas**

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#### Minggu 4

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**Materi** Hubungan dan Perilaku Tegangan Regangan

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**Media** LCP Projector + White Board

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**Referensi** Norman E. Dowling, Mechanical Behavior of Materials (Chapter 5)

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**Aktivitas** Kuliah  
Diskusi

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#### Minggu 5

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**Materi** Review Keadaan Tegangan dan Regangan I

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**Media** LCD Projector  
White Board

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**Referensi** Norman E. Dowling, Mechanical Behavior of Materials

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**Aktivitas** Ceramah  
Diskusi

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#### Minggu 6

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**Materi** Review Keadaan Tegangan dan Regangan II

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**Media** LCD Projector  
White Board

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**Referensi** Norman E. Dowling, Mechanical Behavior of Material (Chapter 6)

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**Aktivitas** Ceramah  
Diskusi

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#### Minggu 7

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**Materi** Review Keadaan Tegangan Regangan III

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**Media** LCD Projector  
White Board

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**Referensi** Norman E. Dowling, Mechanical Behavior of Materials (Chapter 6)

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**Aktivitas** Ceramah  
Diskusi

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## Minggu 8

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**Materi** Ujian Tengah Semester

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**Media**

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**Referensi**

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**Aktivitas** Ujian Tertulis

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## Minggu 9

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**Materi** Mekanika Perpatahan I (Perpatahan Benda Dengan Retakan)

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**Media** LCD Projector  
White Board

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**Referensi** Norman E. Dowling, Mechanical Behavior of Material (Chapter 8)

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**Aktivitas** Ceramah  
Diskusi

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## Minggu 10

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**Materi** Mekanika Perpatahan II

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**Media** LCD Projector  
White Board

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**Referensi** Norman E. Dowling, Mechanical Behavior of Material (Chapter 8)

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**Aktivitas** Kuliah  
Diskusi

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## Minggu 11

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<b>Materi</b>	Fatig I
<b>Media</b>	LCD Projector White Board
<b>Referensi</b>	Norman E. Dowling, Mechanical Behavior of Material (Chapter 9, 9.1,9.2,9.3)
<b>Aktivitas</b>	Kuliah Diskusi

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## Minggu 12

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<b>Materi</b>	Fatig II (Perambatan Retak Fatig)
<b>Media</b>	LCD Projector White Board
<b>Referensi</b>	Norman E. Dowling, Mechanical Behavior of Material (Chapter 11)
<b>Aktivitas</b>	Kuliah Diskusi

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## Minggu 13

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<b>Materi</b>	Mulur (Creep)
<b>Media</b>	LCD Projector White Board
<b>Referensi</b>	Norman E. Dowling, Mechanical Behavior of Materials (Chapter 15, 15.1, 15.2, 15.3)
<b>Aktivitas</b>	Kuliah Diskusi

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## Minggu 14

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<b>Materi</b>	Ujian Akhir Semester
<b>Media</b>	

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**Referensi**

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**Aktivitas**

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