



# Satuan Acara Pengajaran

ENMT800014 - Material Mutakhir

Pengajar

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## Minggu 1

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**Materi** SAP. Introduction. Concept of advanced material

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**Media** LCD, laptop, whiteboard

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**Referensi**

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**Aktivitas** Lecture

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## Minggu 2

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**Materi** Advanced material in automotive & transportation

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**Media** LCD, laptop, whiteboard

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**Referensi**

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**Aktivitas** Lecture

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## Minggu 3

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**Materi** Advanced material in data storage

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**Media** LCD, laptop, whiteboard

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**Referensi**

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**Aktivitas**      Lecture

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## Minggu 4

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**Materi**          Quiz

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**Media**          LCD, laptop, whiteboard

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**Referensi**

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**Aktivitas**      Examination

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## Minggu 5

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**Materi**          Advanced material in displays

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**Media**          LCD, laptop, whiteboard

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**Referensi**

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**Aktivitas**      Lecture

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## Minggu 6

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**Materi**          Advanced material in sensors

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**Media**          LCD, laptop, whiteboard

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**Referensi**

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**Aktivitas**      Lecture

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## Minggu 7

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**Materi**          Advanced material in energy harvesting & storage

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**Media**          LCD, laptop, whiteboard

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**Referensi**

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**Aktivitas**      Lecture

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## Minggu 8

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**Materi** Mid test

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**Media** LCD, laptop, whiteboard

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**Referensi**

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**Aktivitas** Examination

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## Minggu 9

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**Materi** Nanocomposites

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**Media** LCD, laptop, whiteboard

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**Referensi**

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**Aktivitas** Lecture

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## Minggu 10

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**Materi** Metal foams

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**Media** LCD, laptop, whiteboard

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**Referensi**

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**Aktivitas** Lecture

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## Minggu 11

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**Materi** Shape memory alloys

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**Media** LCD, laptop, whiteboard

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**Referensi**

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**Aktivitas** Lecture

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## Minggu 12

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**Materi**      Advanced ceramics

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**Media**      LCD, laptop, whiteboard

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**Referensi**

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**Aktivitas**      Lecture

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### Minggu 13

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**Materi**      Metallic glass

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**Media**      LCD, laptop, whiteboard

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**Referensi**

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**Aktivitas**      Lecture

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### Minggu 14

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**Materi**      Biomaterials

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**Media**      LCD, laptop, whiteboard

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**Referensi**

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**Aktivitas**      Lecture

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### Minggu 15

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**Materi**      Final test

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**Media**      LCD, laptop, whiteboard

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**Referensi**

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**Aktivitas**      Examination

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