

SATUAN ACARA PERKULIAHAN
MATA KULIAH : Jaringan Komputer Dasar
Diploma 3 Teknik Komputer
 KODE / SKS : AK014307/3

Pertemuan ke	Pokok Bahasan dan TIU	Sub Pokok Bahasan dan TIK	Teknik Pembelajaran	Media Pembelajaran	Tugas	Referensi
1	PENDAHULUAN	<ul style="list-style-type: none"> - Ruang Lingkup Mata Kuliah - Apa itu jaringan computer - Pengguna jaringan computer <ul style="list-style-type: none"> - Business application - Home application - Mobile users 	1.	<ul style="list-style-type: none"> - Papan tulis - Computer Projector (slide-ppt) 		
2	Dasar networking Model-model referensi	<ul style="list-style-type: none"> - Struktur Jaringan - Tipe Jaringan - Protokol - Model referensi OSI - Model referensi TCP/IP 	<ul style="list-style-type: none"> - Kuliah mimbar - Diskusi 	<ul style="list-style-type: none"> - Papan tulis - Overhead projector, transparansi 		
3	Physical Layer	<ul style="list-style-type: none"> - Pengertian Physical layer - Media - Data rate dan bandwidth 	<ul style="list-style-type: none"> - Kuliah mimbar - Diskusi 	-		
4,5	Data link layer	<ul style="list-style-type: none"> - Pengertian Data link layer - Media transmisi data <ul style="list-style-type: none"> - Ethernet - Modem - Acces Point - Flow control - Pendeteksi dan koreksi kesalahan 	<ul style="list-style-type: none"> - Kuliah mimbar - Diskusi 	<ul style="list-style-type: none"> - Papan tulis - Overhead projector, transparansi 		
6	Medium Access Control	<ul style="list-style-type: none"> - Pengertian Medium Access control - Channel allocation LAN - Multiple access protokol 	<ul style="list-style-type: none"> - Kuliah mimbar - Diskusi 	<ul style="list-style-type: none"> - Papan tulis - Overhead projector, transparansi 		

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7	Network Layer	<ul style="list-style-type: none"> - Pengertian Network layer - Addressing <ul style="list-style-type: none"> - Fisik - Logic - Port 	<ul style="list-style-type: none"> - Kuliah mimbar - Diskusi 	<ul style="list-style-type: none"> - Papan tulis - Overhead projector, transparansi 		
8	Transport Layer	<ul style="list-style-type: none"> - Pengertian transport layer - Aplikasi dan operasi pada TCP dan UDP 	<ul style="list-style-type: none"> - Kuliah mimbar - Diskusi 	<ul style="list-style-type: none"> - Papan tulis - Overhead projector, transparansi 		
9	Application Layer	<ul style="list-style-type: none"> - Pengertian Application layer - Service application layer (HTTP, DNS, SMTP) 	<ul style="list-style-type: none"> - Kuliah mimbar - Diskusi 	<ul style="list-style-type: none"> - Papan tulis - Overhead projector, transparansi 		
10	Routing	<ul style="list-style-type: none"> - Pengertian routing - Static routing protokol - Dynamic routing protocol 	<ul style="list-style-type: none"> - Kuliah mimbar - Diskusi 	<ul style="list-style-type: none"> - Papan tulis - Overhead projector, transparansi 		
11	Wireless Network	<ul style="list-style-type: none"> - Celluler wireless network <ul style="list-style-type: none"> - AMPS - CDMA - GSM 	<ul style="list-style-type: none"> - Kuliah mimbar - Diskusi 	<ul style="list-style-type: none"> - Papan tulis - Overhead projector, transparansi 		
12	Wireless LAN	<ul style="list-style-type: none"> - Pengertian Wireless LAN - Teknologi wireless 	<ul style="list-style-type: none"> - Kuliah mimbar - Diskusi 	<ul style="list-style-type: none"> - Papan tulis - Overhead projector, transparansi 		

Referensi :

Buku Teks :

- [1] Tanenbaum Andrew, **Computer Network 4th Ed.**, Prentice Hall, 2002
- [2] Halsall, Fred, **Comptuer Networking and the Internet**, Addison Wesley, 2005