


VE200013	Silabus Mata Kuliah Praktek Teknik Koding			
Kredit	1	Jam/minggu	3	
Semester	1			
Deskripsi Mata Kuliah	<p>Topik-topik meliputi pembelajaran secara detil dan komprehensif dari komunikasi lanjut adalah sebagai berikut : Sources coding meliputi : sources, amplitude quantizing,differential PCM, sources coding untuk data digital meliputi Huffman code dan run-length codes; Channel coding meliputi : linear block code, cyclic code, hamming code, bch codes, convolutional, codes</p>			
Tujuan Mata Kuliah	Mahasiswa diharapkan dapat: Secara praktis mahir mengimplementasikan teknik sources coding, Secara praktis mahir mengimplementasikan teknik channel coding			
Prasyarat	Mata Kuliah Sinyal dan Sistem			
Referensi	<ol style="list-style-type: none"> 1. Digital Communications: Fundamentals and Applications (2nd Edition) 2nd Edition,BERNARD SKLAR h, Publisher: Prentice Hall; 2 edition (January 21, 2001) 2. Channel Coding: Theory, Algorithms, and Applications: Academic Press Library in Mobile and Wireless Communications 1st Edition by David Declercq (Editor), Marc Fossorier (Editor), Ezio Biglieri (Editor), Academic Press; 1 edition (July 10, 2014) 3. Wireless Communications 1st Edition by Andrea Goldsmith Cambridge University Press; 1 edition (August 8, 2005) 4. Digital Communications, 5th Edition 5th Edition by John Proakis (Author), Masoud Salehi (Author), McGraw-Hill Education; 5th edition (November 6, 2007) 5. Modern Digital and Analog Communication Systems (The Oxford Series in Electrical and Computer Engineering) 4th Editionby B. P. Lathi (Author), Zhi Ding (Author)Publisher: Oxford University Press; 4 edition (January 23, 2009) 6. Principles of Digital Communication 1st Edition by Robert G. Gallager (Author)Publisher: Cambridge University Press; 1 edition (March 24, 2008) 			
Website Link	-			

RF-DTEL-PSTT-4.04.Rev.01[031]