King Saud University College of Computer and Information Sciences Department of Computer Engineering



Course Outcome Survey

Course Code: Section: Semester and Academic Year:		CEN 340 3421 Summer Semester / 2015/2016.						
Course Learning Outcomes								
Having studied this course, I believe I can:								
1-	- Use MATLAB in signals and system	s fie	eld.					
	\Box Strongly Agree \Box Agree		Neutral		Disagree		Strongly disagree	
2-	 Give mathematical description of m signals*², and describe signals chara 			, de	fine basic ti	ime-	-domain operations	s on
	\Box Strongly Agree \Box Agree		Neutral		Disagree		Strongly disagree	
3-	 Determine types of systems and with/without memory, invertibility, 					_	•	tem
	\Box Strongly Agree \Box Agree		Neutral		Disagree		Strongly disagree	
1-	 Describe Linear Time-Invariant "L convolution, compute the output properties of LTI systems. 		•	•	-		_ , _	
	\Box Strongly Agree \Box Agree		Neutral		Disagree		Strongly disagree	
5-	 Use differential/difference equations determine the system output. 	s for	r analyzir	ıg aı	n importan	t cla	ass of LTI systems a	and
	\Box Strongly Agree \Box Agree		Neutral		Disagree		Strongly disagree	
5-	 Use Fourier Series and its proper system output for any periodic input 			•		•	9	LTI
	\Box Strongly Agree \Box Agree		Neutral		Disagree		Strongly disagree	
7-	 Use Fourier Transform, its inverse, define the LTI system output for any 					zing	aperiodic signals,	and
	\square Strongly Agree \square Agree		Neutral		Disagree		Strongly disagree	
3-	- Define Laplace Transform, its Inver	se a	nd its pro	oper	ties and ap	ply	them to LTI system	ns.
	\Box Strongly Agree \Box Agree		Neutral		Disagree		Strongly disagree	
)-	- Explain Modulation and Demodulation of AM, PM and FM systems.							
	\Box Strongly Agree \Box Agree		Neutral		Disagree		Strongly disagree	

^{*1} Such as sinusoidal signals, complex exponential, unit impulse and step functions.
*2 Such as time shift, time reversal, time scaling.
*2 Such as causality, periodicity, odd/even signals, and power/energy.