Exercise for Electrical and Electronic Engineering 1

Basic Course Information Course Number	01005140	Subject Category	Compulsory (M)	1
Class Format	Lecture	Credit Type and Number of Credits	1	
Department Period of Study	Mechatronics Semester 2	Student Category Classes per Week	Year 4	4
Required Materials			5	
nstructor	Sompod Wongkhead	Kashine Takeshi		1
Course Objective The course provides students with fui leepen their understanding of circuits	ther opportunity to practice cal	culation of Electrical an	d Electronic Engineering to]
Evaluation (Rubric)	Ideal Level of Achievement (Very Good)	Standard Level of Achievement (Good)	Unacceptable Level of Achievement (Fail]
	Ideal Level of Achievement (Very Good)	Standard Level of Achievement (Good)	Unacceptable Level of Achievement (Fail)	-
Prouit Simulation of DC Circlut	Demonstrates very good knowledge of Circlutt Simulation of DC Circlut	Demonstrates very good knowledge of Circlutt Simulation of DC Circlut	Lacks the appropriate knowledge of Circlut Simulation of DC Circlut	
Dircuit Simulation of AC Circlut	Demonstrates very good knowledge of Circlutt Simulation of DC Circlut	Demonstrates very good knowledge of Circlutt Simulation of DC Circlut	Lacks the appropriate knowledge of Circlut Simulation of DC Circlut	
4(2) Ability to design, propose and Nesse change Nesse change	Relationship with Learnin develop electrical and electro		ice/ mechatronic systems	-
Feaching Method Durline: Cleas Format:	Exe	Repeat of Explanation-D Exercise of using Circuit Sim		-
Note :	Students are required	to ask any questions aft	ter sufficient self-learning]
Course Plan				
Semester 2	Contents and Met		Goals Explaining Introduction to Circuit Similator. Ltapice	Related MCC I-A 1 72
2nd week	Circuit Simulation of DC Circlut (1)		Explaining Circuit Simulation of DC Circuit (1)	I-A 1 73
3rd week	Circuit Simulation of DC Circlut (2)		Explaining Circuit Simulation of DC Circuit (2)	VI-C 1 5
4th week	Circuit Simulation of DC Circlut (3)		Explaining Circuit Simulation of DC Circuit (3)	W-C 1 5
5th week	Circuit Simulation of DC Circlut (4)		Explaining Circuit Simulation of DC Circuit (4)	W-C 1 8 W-D 1 9
6th week	Circuit Simulation of DC Circ	olut (5)	Explaining Crouit Simulation of DC Circuit (5)	I-A 1 72 W-D 1 9
7th week	Circuit Simulation of DC Circlut (6)		Explaining Circuit Simulation of DC Circuit (6)	W-D 1 9 VI-C 1 9
8th week	Review before the midterm examination			
			Explaining the past work	
9th week	Midterm Examination		Review and summarize	
10th week	Return Exam Papers and Feedback		learning	VI-C 1 9 VI-D 1 9
11th week	Circuit Simulation of AC Circlut (1)		Explaining Circuit Simulation of AC Circuit (1)	W-C 1 9 W-D 1 9
12th week	Circuit Simulation of AC Circ	slut (2)	Explaining Circuit Simulation of AC Circuit (2)	V-C 1 9
13th week	Circuit Simulation of AC Circ	slut (3)	Explaining Circuit Simulation of AC Circuit (3)	W-D 1 9
14th week	Circuit Simulation of AC Circ	slut (4)	Explaining Circuit Simulation of AC Circiut (4)	W-D 1 9
15th week	Circuit Simulation of AC Circ	slut (5)	Explaining Circuit Simulation of AC Circuit (5)	N-D 1 9
16th week	Circuit Simulation of AC Circ	sut (6)	Explaining Circuit Simulation of AC Circuit (6)	W-D 1 9
	Circuit Simulation of AC Oircluit (7)		Explaining Circuit Simulation of AC Circuit (7)	VI-C 1 9 VI-D 1 9
17th week				
17th week 18th week	Review before the final example	nination	Explaining the past work	
	Review before the final examination	nination	Explaining the past work	
18th week			Explaining the past work	
18th week 19th week	Rnal Examination			Dor