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[PRINTE	D CIRCUIT	BOARD	DESIG	NING	5	200		
Transhim	3 Schedule P		Progressive	· · · · ·		ation Sc				
	Fractical	Credits	Assessment	Th	COLA		tical Ex		1	al
1 ectures		45	- 50		<u> </u>	+	100		15	0
	quisite	Source	[Theory	Test	Total	TW	PR	Gr	Total
	il	Med.	Semester	Theory	1050		50	100		150
Rationale:-							130			
<u>Kutonito</u>		CO	URSE CONT	ENTS					Hrs 4	Miks 15
1. PCB BA	SICS:								4	15
PCB - wh	at & why,	types of PC	B's materials	- electrica	al & me	chanica	al			
conside	rations, bo	ard thickne	ess & tolerance	5.					4	25
2. SCHEM	ATIC GE	NERATIO	N:						4	2.5
Creating \$	vmbols of	different co	omponents, stu	dy of diff	erent pa	ickages	used,		6	
getting	componen	ts from con	nponent librar	y, creating	g a sche	matic d	uagrai	n,		
	ing a netli								4	30
3. FOOTE	KINT GE	NERATION	N:	6						
Reading d	latasheets,	size & spac	e consideration	n for mou	inting a	merent	60			-
		ST SIGKS CO	nsideration to	r ann bor	c sizes,	pau siz	<i>uo</i> ,			
compo	hents & ne	an out area	for componen	te						
through	h holes, ke	ep out area	for componen	ts		siderati				
through Creating 1 4. LAYON Board siz	h holes, ke footprints f UT DESIG e and shap auto routi	ep out area or different N: e, compone ng & manu	for components. ent placements al routing spa	ts Hole drill , power pl cing and a	ing con ane, tra lignmer	ck wid	on. th & ucks,		4	30
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