ECE 3600 Exam 2 Study Guide The 2 nd Exam will be on Tuesday 11/16/10.		
The first part will be a closed book, no calculator questions, ~ 25 - 35 points		
The second part will be a open book, open notes, with calculator problems.		
<u>The e</u>	exam will cover	Possible questions
1. Aut	to-transformers	Connections
Cal	lculations	Power ratings
2. Pei	r-Unit analysis	Why?
	se Values S _{base} V _{base} I _{base} Z _{base}	Bases selections, why and when do they change
Pei	r-phase	Why?
3. On	e-Line Diagrams and variations	Why?
	ase transformation	common symbols
	nchronous generators and motors ow the phasor diagram! Problems like Hw SG1 & SG2	losses, construction, limits, operation
	phase induction motors (not single phase) ow how to work with the model. Problems like Hw 15 - 17 p.2	operation slip
6. Ho	meworks 9 - 17 p.2	
7. Lat	bs 2 - 3, esp 3	
8. '	look through my notes and find a question or two	Field trip to Rocky Mountain Power Dispatch
9.	п	

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